# Noah Maizels

Developer relations · technical writing · developer education · Web3 · AI workflows

## PROFILE

Developer relations and technical writing professional in blockchain and Web3, with a master's degree in teaching. Since 2023 at Swarm Foundation, developer education, developer support and documentation have been equal parts of the role: talks, guides, examples and docs that help people build on and run a decentralised storage network.

I research and write explainers of difficult technical concepts for a general audience, such as erasure coding, proof-of-stake consensus (Wanchain consensus deep dive, part 2) and secure multiparty computation (Shamir's secret sharing on Wanchain). I also write code: back-end services and dashboards, calculators, link checkers and report generators. More recently I design AI workflows: Claude Code skills and hooks, multi-agent setups, MCP integrations and self-improving agent setups.

After a short career as an international teacher in China, I moved into technical writing and developer relations; both were greatly helped by my teaching background.

## SKILLS

Technical writing · Developer education · Developer support · Documentation architecture · API reference · Release notes · Tutorials & quickstarts · Explainers for general audiences · Chinese–English translation · Whitepaper editing · Community & ambassador programs · Event organisation · Docusaurus · Hugo · MkDocs · OpenAPI · Algolia DocSearch · Git / GitHub · llms.txt · JavaScript · TypeScript · Node.js · React · Next.js · Svelte · Python · REST APIs · Web3 · Grafana / Prometheus queries · Data visualisation · AI workflow design · Claude Code skills, commands & hooks · Multi-agent orchestration · MCP servers · Browser automation · Agent memory & self-improvement setups · Prompt engineering · LLM-assisted documentation · Report-generation pipelines · Blockchain · Cross-chain bridges · Staking · Consensus mechanisms · Multiparty computation · Erasure coding · Decentralised storage

## LANGUAGES

English
Mandarin Chinese

## EXPERIENCE

**Developer Relations (developer education, support & documentation)** **Swarm Foundation (Ethersphere)** Jan 2023 – present

- Developer education and support are as much of the role as the documentation: 10 community-call presentations (Mar 2023 – Feb 2026), a DevOps guide for prospective node operators, the "Building on Swarm" developer guides, a runnable examples repository and AI-assistant guides (Swarm Skills).

- Top contributor to the Bee documentation site (ethersphere/bee-docs, the docs behind docs.ethswarm.org): 1,052 commits (the next contributor has 326) and 294 merged pull requests, across release updates, node operation, postage stamps, API reference and concept guides.
- Researched and wrote explainers of hard technical topics for a general audience, including erasure coding (Dec 2023), neighbourhoods and doublings (Mar 2024), postage-stamp batch utilisation and access control (ACT).
- Docs tooling: OpenAPI reference theme (Jun 2023), Algolia search (Oct 2024), generated Bee-JS API reference with Typedoc (May 2025), stamp-cost calculators that estimate storage pricing, an LLM-compatible docs build (llms.txt, Mar 2026) and a link checker, rewritten in TypeScript with an llms.txt check (May 2026).
- Overhauled the Bee-JS documentation (bee-js-docs, Apr 2025) and started the Swarm examples repository of sample apps and scripts (Sep 2025 onward).
- Back-end and data work: a Node.js service that queries Grafana/Prometheus for network SLA data and feeds the dashboard on the Swarm homepage (SLA-Intermediate-Server, Dec 2023), a Svelte network dashboard (swarm-network-dash, Jul 2023), and a pipeline that produces the monthly State of the Network report: it pulls on-chain and topology data, computes seven metrics, draws seven charts and drafts the article (sotn-report-generator, Apr 2026).
- Runs the Swarm blog (ethswarm-blog-hugo): 480 commits and 100 merged pull requests, Jun 2023 – May 2026, including release notices and community-call recaps. Author of "DevOps for Beginners" (ethswarm.org/blog, Apr 2024).
- Built a Discord archive bot with a full-text search UI and an LLM-optimised JSON export (discord-archive, Mar 2026) and a two-way messaging demo over GSOC (gsoc-demo, Dec 2024).
- Maintains public Swarm resources: awesome-swarm, the research-papers page, roadmap updates and website content. Contributed Bee node quickstart guides to the Gnosis Chain documentation (Sep 2024, PR #724). Proofread *The Book of Swarm* (credited in its acknowledgments).

Sources: GitHub; Swarm Foundation community-call recaps (the Mar 2023 recap names him "from Developer Relations")

### Freelance and consulting: crypto projects **Consultancy (clients not named)** 2021

- A variety of work for a large number of crypto projects: NFT image generators, tokenomics, token listings, front-end sites, token data API servers, and technical explainer articles. Client names are confidential.
- Fomocraft: Next.js site (fomocraft, Jan – Jun 2021).
- Back-end work included blogs with a CRM, user accounts and authentication, and Node.js/Web3 token API servers that report circulating supply for CoinMarketCap and CoinGecko listings. Wrote a step-by-step guide to this: "How to Write a Token Data API to Get Listed on Coinmarketcap and Coingecko" (DEV, Dec 2021).

*GitHub shows only private activity in 2022.*

Sources: GitHub (Fomocraft repository); Noah's own account of the work. Reference from the consultancy's founder available on request

### Technical Advisor **Wanchain-incubated project** Sep 2019 – Feb 2021 (overlapping the Wanchain role)

- Built the project's documentation site and a token API with Node.js and Web3.
- Advised on protocol development, product design and community building.

Sources: Resume (March 2021); GitHub

### Marketing Product Manager, then Director of Communications **Wanchain (Beijing Wanglu Tec Co., Ltd.)** Jul 2018 – Jan 2021

- Director of Communications from Aug 2020 (announced in the Jul 2020 newsletter); before that Marketing Product Manager (Wanchain's own posts call the role "Technical Marketing Manager" and "Global Marketing Manager").
- Created 90%+ of all English content, long-form and social. Wrote 32 of the Wanchain Foundation blog articles listed under Publications (Jan 2020 – Jan 2021), from the Wanchain 4.0 launch to the 2021 roadmap, and researched and explained difficult concepts such as proof-of-stake consensus and secure multiparty computation.
- Translated and edited technical papers from the Chinese-speaking R&D team, including the yellow and white papers; wrote user and developer documentation; coordinated between the Chinese-speaking development team and the English-speaking business team.

- Established and ran the ambassador program; designed and ran marketing budgets and campaigns; organised an online conference for the Wanchain ecosystem; organised and hosted WanTalk episode 5 (found the speakers, scheduled, marketed it).
- Presented Wanchain at a Bitkub event (Mar 2019) and in WanTalk and AMA sessions (see Talks and presentations).
- Built and managed web projects: explorewanchain.org and wanchain.guide, the WanDevs community site (MkDocs), the Wan Army repository, iWan JS SDK documentation, and a Node.js bot that reposts Twitter posts to Telegram channels; managed website redesigns (HTML/CSS/JS/React).

Sources: Resume (March 2021); Wanchain newsletter and AMAs; Medium articles; GitHub; Bitkub event article

## BACKGROUND

Began a career as an international educator in China (2012 – 2018, Shanghai), after a Master of Arts in Teaching from Johns Hopkins. Was in China during the crypto boom of roughly 2016 – 2018 and became closely involved with several blockchain groups in Shanghai while finishing the last teaching contract and learning to code independently. Then found a first role at Wanchain in Beijing's Haidian high-tech district. The teaching background shaped both technical writing and developer relations.

## EDUCATION

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|---|---|
| 2011 – 2012 | **Master of Arts in Teaching**, The Johns Hopkins University School of Education, Columbia, MD |
| 2008 – May 2011 | **East Asian Studies**, Lewis & Clark College, Portland, OR |
| Certificates | Inferential Statistics; Introduction to Probability and Data with R; Getting and Cleaning Data; R Programming; The Data Scientist's Toolkit; Principles of Computing (Parts 1 and 2); An Introduction to Interactive Programming in Python; Udacity Digital Marketing Nanodegree |

## INDEPENDENT PROJECTS

Independent and learning projects, all public on GitHub: calculator_app, react-practice-app, ListKeeper, videotastic, rock-paper-scissors-new, portfolio-site, tauchain-docs, wan-guide, social-reposter, strapi-mongo-cloudinary-cms-template, bee-js-demo, bee-js-typedoc, docusaurus-link-checker, discord-archive, sotn-report-generator. Also: 17 blog-post files for the MDL blog (Jan 2018), six fixes to The Odin Project curriculum (2019) and two Chingu Voyages team projects (2019, 2020).

## TALKS AND PRESENTATIONS

Each entry is named in a public source. Swarm community calls are online; the Bitkub event was an event talk. Full dates are the call dates.

| DATE | TALK | FORMAT AND ROLE | SOURCE |
|---|---|---|---|
| 26 Feb 2026 | **Swarm Community Call: “Building on Swarm” docs section**<br>Introduced the new developer-guides section and the guide in progress on feeds. | Community call, online; speaker | recap |
| 27 Feb 2025 | **Swarm Community Call: postage-stamp management**<br>Community talk on a simpler way to buy and manage stamps (Bee issue #4992). | Community call, online; speaker | recap |
| 28 Nov 2024 | **Swarm Community Call: documentation updates**<br>New structure with concept and reference sections, the “Ask Swarm AI” feature and Algolia search. | Community call, online; speaker | recap |
| 20 Jun 2024 | **Swarm’s Unstoppable Features**<br>Talk (14 min 46 s) on Swarm’s chunk-based storage, incentives, content addressing, encryption and erasure coding. Event name not stated on the page. | Recorded talk (StreamETH); speaker | recording |
| 25 Apr 2024 | **Swarm Community Call: DevOps for beginners**<br>Community talk introducing his two-part DevOps guide for prospective node operators. | Community call, online; speaker | recap |
| 28 Mar 2024 | **Swarm Community Call: advanced docs section**<br>Cost calculator, neighbourhoods and doubling, troubleshooting for node operators, API reference updates. | Community call, online; speaker | recap |
| 30 Nov 2023 | **Swarm Community Call: stamp batch utilisation**<br>Overview of how stamp batches are utilised. | Community call, online; speaker | recap |
| 28 Sep 2023 | **Swarm Community Call: JS tools for Bee**<br>The JavaScript tools for working with Bee, plus tools under development. | Community call, online; speaker | recap |
| 27 Jul 2023 | **Swarm Community Call: new docs content**<br>Described the Learn section as newly populated with high-level content. | Community call, online; speaker | recap |
| 30 Mar 2023 | **Swarm Community Call: docs reorganisation**<br>Reorganising the docs into learn, developer and node-operator sections; a developer and node-operator survey. | Community call, online; speaker | recap |
| Sep 2020 | **Wanchain August 2020 AMA**<br>Written Q&A, answered as Director of Communications. | Written AMA, online; answerer | article |
| Jul 2020 | **Wanchain June 2020 AMA**<br>Written Q&A with the core team, answered as Director of Communications. | Written AMA, online; answerer | article |
| By Jul 2020 | **WanTalk episode 5**<br>Organised and hosted: found the speakers, scheduled and marketed it. Guests from the Wanchain team and ecosystem. | Video series, online; organiser and host | video |
| By Jul 2020 | **WanTalk episode 2**<br>Panel with Jack Lu, Weijia Zhang and Oliver Birch, listed as Technical Marketing Manager. | Video series, online; panel | video |

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|---|---|---|---|
| 20 Mar 2019 | **Bridging Blockchains & Empowering the New Digital Economy**<br>Presented how Wanchain connects blockchains, at a Bitkub event held with DTAC Accelerate (100+ attendees). Listed as Global Marketing Manager of Wanchain. | Event talk (in person); speaker. City not stated | article |

## SELECTED GITHUB CONTRIBUTIONS

From GitHub's API (merged pull requests and public repositories). Line counts include generated, lock and dependency-update files, so they measure change volume, not writing.

| WHAT | WHERE | WHEN | SCALE |
|---|---|---|---|
| Bee documentation site | ethersphere/bee-docs | 2023 – 2026 | 294 merged PRs (+83,594 / −68,772 lines); 1,052 commits, the most of any contributor (next: 326) |
| OpenAPI reference inside the docs theme | bee-docs #437 | Jun 2023 | +5,133 / −3,058 lines, 20 files |
| Install section reorganisation | bee-docs #719 | Mar 2025 | +2,757 / −2,018 lines, 40 files |
| Calculators updated for new utilisation tables and encryption | bee-docs #782 | Mar 2026 | +952 / −510 lines, 8 files |
| Link fixes and LLM compatibility | bee-docs #779 | Mar 2026 | +4,705 / −2,043 lines, 85 files |
| TypeScript link-checker scripts replacing a Python submodule | bee-docs #813 | May 2026 | +2,439 / −29 lines, 8 files |
| Bee-JS docs overhaul | bee-js-docs #225 | Apr 2025 | +8,819 / −16,130 lines, 57 files; 13 merged PRs in the repo |
| Algolia search; generated API reference (Typedoc) | bee-js-docs #240 | Apr – May 2025 | Counts include lock and generated files |
| Swarm blog | ethswarm-blog-hugo | Jun 2023 – May 2026 | 100 merged PRs (+11,847 / −6,039 lines); 480 commits |
| SLA data service (Node.js; Grafana/Prometheus queries) | SLA-Intermediate-Server | Dec 2023 – Jan 2024 | 7 merged PRs; first PR +864 / −137 lines. Earlier version: sla_metrics_server |
| Network dashboard (Svelte, LayerCake, Tailwind) and its server | swarm-network-dash | Jul 2023 | Front end plus server |
| Monthly State of the Network report generator | sotn-report-generator | Apr 2026 | Claude Code driven pipeline: swarmscan data, 7 metrics, 7 charts, draft article |
| Docusaurus link checker (local build and live crawl) | docusaurus-link-checker | Apr – May 2026 | Dead-link reports; TypeScript rewrite with llms.txt check (open PR) |
| Discord archive bot with search UI and LLM export | discord-archive | Mar 2026 | Full-text search and JSON export for LLMs |
| Two-way messaging over GSOC; Bee-JS demo | gsoc-demo, bee-js-demo | Dec 2024; Jun 2024 | Demos of Bee features with runnable code |
| Developer-guide examples aligned with the docs | examples #5 | May 2026 | +1,227 / −33 lines, 42 files; 3 merged PRs |
| Swarm Skills: AI-assistant guides for building on Swarm | swarm-skills | May 2026 | 7 merged PRs in his fork |
| Bee node quickstart guides, Gnosis Chain docs | documentation #724 | Sep 2024 | +826 lines, 7 files |
| Research papers page | research-papers #7 | Oct 2025 | +87 / −97 lines, 16 files |

## PUBLICATIONS

32 on the Wanchain Foundation blog, 1 on a personal Medium page, plus the Swarm blog and DEV posts below. Dates are as shown on the source.

| DATE | TITLE | PUBLICATION |
|---|---|---|
| 2024-04-25 | DevOps for Beginners: Part One | Swarm blog |
| 2021-12-31 | How to Write a Token Data API to Get Listed on Coinmarketcap and Coingecko | DEV Community |
| 2020-01-20 | Wanchain 4.0 Has Landed! This major milestone enables a new world of connected private blockchains | Wanchain |
| 2020-02-12 | Wanchain Founder Jack Lu — The 2020 Novel Coronavirus Epidemic & its Affect on the Blockchain Industry in China | Wanchain |
| 2020-02-14 | WAN staking launches this week on KuCoin's Pool-X staking platform | Wanchain |
| 2020-03-04 | Cross-chain EOS Has Hit the Mainnet! | Wanchain |
| 2020-03-04 | Wanchain 4.0 T-Bridge Framework Tech Explainer: Part 1 — General Overview | Wanchain |
| 2020-03-11 | Wanchain Full Node Wallet Is Officially Deprecated | Wanchain |
| 2020-03-18 | Strategic Cooperation Established with Bitllywood, a Leading Blockchain Based Film IP Platform | Wanchain |
| 2020-03-20 | USDT Hits the Wanchain Mainnet | Wanchain |
| 2020-03-24 | Wanchain's Galaxy Proof of Stake Consensus Paper Accepted by The SCI Indexed Chinese Journal of Electronics | Wanchain |
| 2020-04-04 | Wan Wallet Update 1.3 is Here! | Wanchain |
| 2020-04-08 | A Chat with RiveX about WRDEX, the First Wanchain Cross-chain DEX | Wanchain |
| 2020-04-29 | New Wanchain GWAN Mainnet Update | Wanchain |
| 2020-05-08 | Wanchain To Join Band Protocol as a Validator Node Operator | Wanchain |
| 2020-05-15 | DEXes Galore! WRDEX and Bitlly DEX are live and available in the Wanchain DApp Store | Wanchain |
| 2020-05-18 | New Version of Wanchain Mobile Wallet: Now Supporting All ERC20 and WRC20 Tokens | Wanchain |
| 2020-06-17 | Decentralized No-Loss Lottery, "Jack's Pot" Goes Live! | Wanchain |
| 2020-07-10 | Mobile Wallet 3.0: DApp Store & All New "Red Packet" | Wanchain |
| 2020-07-16 | Wanchain Newsletter–June 2020 | Wanchain |
| 2020-07-17 | 2020 Road Map: Mid-Year Update | Wanchain |
| 2020-07-22 | June 2020 AMA | Wanchain |
| 2020-07-23 | Wanchain and Pundi X Join Forces to Bring Cryptocurrency Commerce to the Masses | Wanchain |
| 2020-07-30 | Coming Up on One Month of Fully Decentralized Galaxy Consensus! | Wanchain |
| 2020-09-01 | August 2020 AMA | Wanchain |
| 2020-09-03 | Cross-chain ETH-WAN Bridge LIVE on the Rinkeby Testnet | Wanchain |

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| 2020-09-04 | Cross-chain ETH-WAN Bridge LIVE on the Rinkbey Testnet | Personal |
| 2020-10-31 | Wanchain 5.0 wanToken WETH & Wrapped ERC20 Swapdrop Details | Wanchain |
| 2020-11-11 | The wanBridge Storeman Selection Process Has Begun! | Wanchain |
| 2020-11-11 | Wanchain 5.0 Desktop Wallet Updates | Wanchain |
| 2020-11-13 | How to Add Storeman Stake Using “Partner-in” (Offline Wallet) | Wanchain |
| 2020-11-13 | The Wanchain 5.0 Offline Wallet (v3.0.0) Has Been Released! | Wanchain |
| 2020-11-17 | “Partner-in” Now Supports Hardware Wallets for Both Storeman & POS Nodes! | Wanchain |
| 2021-01-09 | Upcoming: An Ethereum-based DeFi WanFarm & A Major Upgrade to Wanchain’s Cross-chain Mechanism | Wanchain |
| 2021-01-21 | The Wanchain 2021 Roadmap! | Wanchain |

## GITHUB ACTIVITY BY YEAR (PUBLIC CONTRIBUTIONS)

Counts come from GitHub's contribution data. "Private" counts contributions to private repositories (numbers only). Client work is not named.

| YEAR | COMMITS | PRS | ISSUES | REVIEWS | PRIVATE | MOST ACTIVE PUBLIC REPOSITORIES (COMMITS) |
|---|---|---|---|---|---|---|
| 2018 | 26 | 17 | 0 | 0 | 12 | blog (17), google-homepage (7), my_first_rails_app (2) |
| 2019 | 149 | 25 | 3 | 0 | 15 | v11-geckos-team-15 (67), calculator_app (18), iwan-js-sdk (10) |
| 2020 | 283 | 20 | 19 | 0 | 55 | social-reposter (59), wan-guide (36), v21-bears-team-04 (24) |
| 2021 | 188 | 14 | 0 | 0 | 158 | fomocraft (17), snapshot-spaces (1) |
| 2022 | 1 | 0 | 1 | 0 | 142 | portfolio (1) |
| 2023 | 613 | 170 | 50 | 5 | 139 | bee-docs (443), ethswarm-blog-hugo (124), SLA-Intermediate-Server (26) |
| 2024 | 642 | 157 | 13 | 7 | 203 | bee-docs (411), ethswarm-blog-hugo (191), documentation (15) |
| 2025 | 454 | 86 | 47 | 2 | 119 | bee-docs (237), ethswarm-blog-hugo (115), bee-js-docs (23) |
| 2026 | 219 | 70 | 0 | 0 | 83 | bee-docs (131), ethswarm-blog-hugo (50), examples (17) |

## APPENDIX A: TIMELINE

Dates follow the March 2021 resume and public posts, so nothing here contradicts what has been published. Roles overlapped where noted.

| WHEN | WHAT | SOURCE |
|---|---|---|
| 2012 – 2018 | International educator in Shanghai (teaching and school coordination) | Resume |
| 2016 – 2018 | Independent study of programming and involvement in the Shanghai crypto community, alongside the last teaching contract | Noah's account; GitHub history begins Apr 2017 |
| Jul 2018 – Jan 2021 | Wanchain, Beijing: Marketing Product Manager, then Director of Communications (Aug 2020) | Resume; Wanchain posts |
| Sep 2019 – Feb 2021 | Technical Advisor to a Wanchain-incubated project (overlapped the Wanchain role) | Resume |
| 2021 | Freelance and consulting for crypto projects (overlapped the end of the Wanchain role) | GitHub; Noah's account |
| 2022 | No public activity; private work only | GitHub contribution counts |
| Jan 2023 – present | Swarm Foundation: Developer Relations | First bee-docs commit 26 Jan 2023 |

## APPENDIX B: SOURCES FOR ITEMS FROM NOAH'S NOTES

- Proofreading credit in *The Book of Swarm*: the Editing section of the acknowledgments page thanks "Attila Lendvai and recently Noah Maizels" for proofreading and correcting mistakes and typos. The page does not name an edition.
- Authorship of "DevOps for Beginners": the post shows no byline; the Apr 2024 call recap says he introduced the series. Authorship is as stated by Noah.
- Bitkub presentation (20 Mar 2019): Bitkub article names him as Global Marketing Manager of Wanchain and as presenter.
- StreamETH talk: recording is titled with his name; the event is not named on the page.
- Token API guide on DEV: article, published as "EM (echinopsismonstrose)".

Not independently confirmed:

- The online conference for Wanchain and his organiser role in WanTalk episode 5: stated by Noah; no public page found.
- The consulting work (NFT generators, tokenomics, CRM and authentication back ends): stated by Noah; the clients are confidential, and a reference is available on request.
- In-person talks other than the Bitkub event: none found by web search.
- WanTalk episode 1: its description lists him, but it links to the same video as episode 2, so it is not listed.

## APPENDIX C: OPEN ITEMS

- Old GitHub user names (noahniuwa, NoahMaizels, EchinopsisMonstrose): to be updated by Noah.
- Private and employer repositories: Noah will review them and may make some public; until then they are counted only.
- Contact details and an event name for the StreamETH talk: not included.

## APPENDIX D: WHAT WAS LEFT OUT

Home address, phone number and email; private repositories; client names; and anything unrelated to professional work. Personal technical projects that are public and not sensitive are listed under Independent projects.