

Matthew Bunday 陳信漢: Polyglot Problem Solver & Empathetic Leader



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COINBASE

NEW YORK CITY, NY

Senior Engineer

Jun, 2023 - Present

- Launched, open-sourced, and maintained [Base.org](#) web surfaces.
- Led team that launched [Basenames](#). 391k+ unique names registered, \$500k+ in ARR.
- Spearheaded Vercel adoption across all of Base

PLEASDAO

NEW YORK CITY, NY

Senior Engineer & Multi-signer

Oct, 2021 - Jun, 2023

- Built a Twitch-style livestream and chat platform with live auction functionality implement on Ethereum with one other engineer using TypeScript and NextJS.
- Entrusted with proposing and verifying our multi-signature safe transactions. Proposed a single transaction that moved \$11m of funds.
- Launched two independent sub-DAOs: FreeRossDAO, UkraineDAO.

BLACK LOTUS INC

NEW YORK CITY, NY

Co-Founder & CTO

Feb, 2020 - Oct, 2021

- Launched four apps on Play and App Stores: Supfam (now removed), Newday, Autopilot, and Droplet.
- Reached #1 Product of the Day on Product Hunt with Autopilot app.
- Created TypeScript based React Native app development framework and continuous delivery system enabling rapid development of our apps.

FABRIC

NEW YORK CITY, NY

Senior Engineer > Technical Team Lead > Infrastructure Lead

Sept, 2018 - Feb, 2020

- Optimized Travis build configuration, Webpack configs, etc.
 - Decreased front-end 95th percentile build times from 15 minutes to under 6 minutes.
 - Decreased back-end 95th percentile build times from 20 minutes to under 7 minutes.
- Launched E2E testing with Puppeteer and taught team to extend it.
- Created processes and cultivated team documentation culture.
- Decreased front end 95th percentile interaction latency by 60% during insurance applications by performance profiling and optimizing React components.
- Decreased back end 95th percentile response time by 70% during e-sign step of funnel (leading to 4% lift in sales) using NodeJs and AWS Lambda.
- Led GatsbyJS 1 to 2 upgrade, unblocking React 16 upgrade.
- Led React 16 upgrade and adoption of hooks across team, wrote library of networking hooks integrated with Redux.
- Championed use of TypeScript across engineering team.
- Led major migration of infrastructure to use AWS Organizations using Cloudformation, critical to our SOC 2 compliance effort. Executed migration plan to minimize disruption to engineering team. Made it easier to develop new features.
- Mentored junior engineers, conducted interviews, held tech talks

ALTSCHOOL

NEW YORK CITY, NY

Senior Software Engineer

Jan, 2017 - Jul, 2018

- Designed and built developer tools enabling rapid creation of development environments using Django and Kubernetes.
- Implemented cost savings of \$1,338 per month since 3/1/2017, \$49,827 per year since 4/17/2017, \$850 per month since 5/12/2017 using AWS reserved instances and Kubernetes.
- Reduced average backend build times from 40 minutes to 20 minutes on CircleCI using bin-packing technique.
- Audited and implemented FERPA (Family Educational Rights and Privacy Act) compliance on AWS.
- Developed two new front-end heavy product areas in collaboration with educators using EmberJS and Django.

TRAVELYTIX

NEW YORK CITY, NY

Technical Cofounder

Feb, 2016 - Oct, 2016

- Built three rapid prototypes using Meteor.js, Android, and React Native.

- Hired three team members.
- Led team to build suite of applications using React/Redux/ES6 and React Native.
- Mentored engineering team.

GOOGLE

NEW YORK CITY, NY

*Software Engineer**Jul, 2015 - Jan, 2016*

- Built Android application features.
- Engineered MapReduce data processing pipeline.

ROYALTYREMINDER

NEW YORK CITY, NY

*Business Automation Consultant**Dec, 2014 - Dec, 2018*

- Hired initial team of four junior engineers, later hired two more.
- Managed design, engineering, and maintenance of Ruby on Rails application, replacing the need for paper in my client's literary agency.
- Oversaw expansion of client's business into selling our software to other agencies.

DEV BOOTCAMP

NEW YORK CITY, NY

*Software Engineering Instructor**May, 2014 - Jun, 2015*

- Top rated NYC teacher in student feedback.
- Taught all phases of the curriculum (CS fundamentals, web development, Rails, agile methodology, etc.)
- Developed new curriculum and produced 92 hours of video content.

SAILTHRU

NEW YORK CITY, NY

*Software Engineer**May, 2012 - Mar, 2014*

- Architected stateless email generation system.
- Led Yellow Submarine pod to #1 in tickets closed.
- Implemented real time statistics systems.