Jacob J. Lee

jacoblee93@gmail.com

San Francisco, CA   jacobscript.dev   github.com/jacoblee93

Seasoned software engineer, startup executive, and problem solver with years of experience designing and implementing scalable systems and processes from first principles. Passionate about developers, community building, and the potential of AGI.

WORK EXPERIENCE:

Remora Software, LLC, *Founder and CEO*   February 2023-Present
- Architecting and reviewing systems, implementing great software to client specifications
- Providing guidance on roadmaps and execution strategy based on both startup and big tech experiences
- Clients include: Persona (persona.nyc), Combo (joincombo.com)

Autocode, *Co-Founder and CTO*   January 2022-January 2023
      Co-Founder and Chief Architect   November 2016-January 2022
- Built hosting platform, real-time collaborative editor, and standard library of APIs with autocomplete
  - **600k+ developers**, peak of **21k+ MAU** spending a cumulative **800+ hours/day** writing JS in-editor
  - Routed and ran **120m+ user API requests/day** using AWS Lambda
  - Primary use-cases: Discord + Twitch bots supporting online communities, webhook handlers for Stripe, Shopify, etc., other API integrations with video games e.g., Halo, Roblox, Minecraft, Lost Ark
  - **80%+ of users self-classified as "technical, but not a developer"**
- Mentored, managed, and scaled a team of seven engineers and technical contractors
- Designed and scaled a Discord bot hosting system maintaining **150k+ active socket connections** at peak
- Invented a federated auth system allowing access to 3rd party APIs with a single credential (patent-pending)
- Performed 24-hour primary or backup on-call devops for all systems
- Managed and moderated a vibrant Discord community of nearly **40k developers**
  - Created **Community Hero** program to reduce support load and help create a self-sustaining community
- Owned relationships with partners and vendors like Discord, AWS, Datadog, Cloudflare, and Let's Encrypt
- Sponsored, provided mentorship for, and judged **20+ hackathons** for college students and professionals
- Assisted with fundraising (**$11m+ total**), hiring, and HR processes, spoke at conferences, wrote content, handled abuse & DOS attacks, and all the other small things necessary to run a business!

Google, *Software Engineer, Google Photos Web*   August 2015-November 2016
- Helped get the right photos to the right people by building intuitive sharing features
- Created a smooth commenting experience within shared albums and photos
- Added many other contributions to app with **300m+ MAU** as of 2016, **1b+ MAU** currently

OPEN SOURCE CONTRIBUTIONS:

Nodal   https://github.com/keithwhor/nodal
- Rails-like Node.js API framework including powerful ORM and migrations

FunctionScript   https://github.com/acode/functionscript
- Language and specification turning JavaScript functions into typed HTTP APIs
- Includes type-checking, error handling, example HTTP request translation/routing layer

Autocode CLI   https://github.com/acode/cli
- Command line tools for local development, testing, and deployment to the Autocode platform

TECHNICAL SKILLS:
- Node.js, PostgreSQL, Vue.js (spoke at the inaugural VueConf in 2016)
- AWS ecosystem including Lambda, DynamoDB, Elasticache, Aurora, Elastic Beanstalk, Kinesis
- "Margarine": vanilla JS, component-based frontend used in editor (https://github.com/acode/copenhagen)

EDUCATION:

Princeton University, Princeton, NJ   June 2015
    A.B. in Computer Science, Cum Laude