

COREY COLE

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PROFILE

Senior Full Stack Software Engineer

Senior engineer with 0→1 full-stack ownership in Go and TypeScript.

WORK EXPERIENCE

Founding Engineer, Full Stack at a16z backed seed stage startup

Chestnut

Seattle, WA
April 2024 - Present

- Owned 0→1 payouts, bonuses, compliance, onboarding in Go, React TS, Temporal, Postgres, SQLc
- Built codebase research & planning tooling with Pi, Hermes, OpenAI, SQLite, Datastar, templ, SQLc
- Shipped internal Slack bot for eng ops, product research, and Linear enrichment
- Used LLM tooling to fix bugs, reduce tech debt, and maintain velocity

Senior Software Engineer, Cofounder of Omnicom.ai (microphone sync app)

Kernel Labs

Seattle, WA
Jan 2020 - Dec 2023

- Built 0→1 sub-60ms audio sync and echo cancellation system in C/Rust
- Delivered HP hardware integration using C, GStreamer, and embedded audio
- Shipped Ciremi, a GPT-4 voice notes app, in React Native Expo
- Built apps for thousands of users with TS, React Native, Lambda, Fargate, EC2
- Quantized ML model for real-time Android audio inference
- Mentored engineers and simplified codebases to improve delivery speed

Software Engineer, Cofounder of Halloo (Alexa/Google Home app)

Kernel Labs

Seattle, WA
Apr 2018 - Jan 2020

- Built 0→1 Alexa and Google Home social voice app in TS/Python/AWS
- Built Chrome audio denoising extension with in-house ML in JS/Python
- Built internal analytics, logs, and error browser for faster debugging

Software Engineer, Cofounder

BellHapp Inc

Seattle, WA
Sep 2015 - May 2018

- Built 0→1 restaurant ordering and staff messaging mobile web app
- Owned product design, UX, planning, and execution with 1-2 engineers

Research Demo Builder for Babak Salimi & Dan Suciu

University of Washington, Computer Science & Engineering Department

Seattle, WA
Sep 2015 - May 2018

- Built VLDB best-in-conference demo using Python, Postgres, and Angular
- Developed SQL framework for causal inference research in Python/Postgres
- Visualized and debugged OLAP query bias using Angular and TypeScript

Software Engineer

eBay Enterprise

King of Prussia, PA
Jun 2015 - Sep 2015

- Built Magento e-commerce frontend proof of concept using PHP and SQL

SKILLS, TOOLS & EXPERIENCE

Languages: Go, SQL, TypeScript, Python, C, Rust
Backend: Temporal, Postgres, Datastar, SSE, AWS, EC2, Lambda, Docker, SQLite, Redis, GStreamer
Frontend: React, Next, Tanstack Query, Proto Connect, Tailwind, React-Hook-Form, Zod, Shadcn
Tools: Neovim, Claude Code, OpenClaw, Linear, Excalidraw, Figma

EDUCATION

University of Washington, Dean's List

Bachelor of Science Computer Science custom track in Informatics, Math minor

Seattle, WA
Sep 2013 - June 2017