Jack Cook

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Skills

Leadership	Founder experience; technology strategy, architecture, roadmap planning, engineering culture, Agile
Languages	Go, SQL, TypeScript, Python, Ruby, C++ , shell scripting
Platforms/Frameworks	Postgres, Redis, React/Vue, Rails, Apache Spark, AWS Kinesis
DevOps	Kubernetes, Docker, AWS/GCP

Employment

Dex (San Francisco, CA/Remote), *Co-Founder/Technical Lead* .... 10/2019 - Present

→ CRM application for personal relationship management, expanded to a line of B2B CRM products.
→ Grew the company from $0 to >$1MM in ARR with over 20,000 paying users. Implemented strategies to help us scale through exponential growth in traffic.
→ Owned the RDS and ETL pipelines used to source external calendar, contacts and events. Owned microservice jobs for serving customized predictions to users.
→ Lead Agile software processes. Interfaced with designers and product owners to create and manage engineering cycles.
→ Grew and managed a productive engineering team. Fostered a culture of continuous feedback and owned process improvements.

Fetch (San Francisco, CA/remote), *Co-Founder/Lead Engineer* .... 01/2018 - 06/2019

→ Ethereum wallet and trading platform focused on security tokens. Secured over $300K of funding.
→ Architected microservices backend in Go/TypeScript with a Redis cache/Postgres database layer, hosted on GCP.
→ Designed and built Electron/React web application; planned and released features. Built in-house trade execution system responsible for one-click Ethereum transactions.
→ Developed cross-platform applications for Mac/Windows/Linux desktop, a web application, and a browser extension.

Neighborly (San Francisco, CA), *Software/Data Engineer* .... 06/2016 - 01/2018

→ Municipal securities brokerage platform for retail investors.
→ Created CI/CD application to replace ad-hoc shell scripts. Led shift from Docker Swarm-hosted REST API to microservice cluster using Apache Thrift RPC.
→ Built Apache Spark/AWS Kinesis data pipelines for ETL of securities data. Implemented ML pipeline for pricing predictions using warehoused data.

Uncorked Studios (Portland, OR), *Producer Intern* .... 04/2016 - 06/2016

→ Product role in a tech consulting studio. Led a small team in designing, iterating on, and constructing a prototype of a digital physical installation for assessing mental health in a workspace.
→ Ownership of the client relationship; distilled client goals into actionable specifications, navigated feedback, and maintained a deliverables schedule.

Academics

Stanford University, *B.S., Symbolic Systems* 2015
　　　Computer Science core curriculum (algorithms, operating systems, modern web development). Concentration in Computer Music. Additional coursework in philosophy and psychology.

Open Source Contributions

Ethereum Foundation	Wallet infrastructure and TypeScript migrations.
CCXT	Typed orderbook fork with added exchange network integrations.