
TECHNICAL SKILLS

Languages: Python, Typescript, PHP

Frameworks: Django, Flask, FastAPI, NestJS, Laravel, React

Infra: AWS, PostgreSQL, Terraform

PROFESSIONAL EXPERIENCE

09/2023 - Current

Founding Engineer, Tensec

- Created the backend infrastructure for Tensec on AWS to deploy containerized apps.
- Built the internal double entry ledger, which handles millions in daily total payment value.
- Helped increase adoption of AI tooling to increase developer productivity, like demonstrating how to use cli agents more effectively when writing code, and also using them in CI to speed up code review.
- Created a slack based LLM powered agent to serve as an internal knowledge base.
- Currently working on agentic features to reduce manual time spent reviewing transactions for compliance risk.

02/2023 – 09/2023

Senior Software Engineer, Cushion.ai

- Full-stack (leaning back end) development for a consumer personal finance app.
- Implemented 3D Secure into user onboarding flow to reduce fraudulent actors from joining the platform.
- Built the payment method management feature, allowing users to have multiple payment methods on file.
- Tech stack: Python, Typescript, React

08/2022 – 01/2023

Senior Software Engineer, Carta

- Worked on Carta's fund administration product, a web app that helps accountants administer venture capital firms' accounting needs.
- Developed automated workflows that reduced repetitive accounting tasks that are traditionally done through email.
- Built new features end-to-end, from the backend endpoints to the frontend components.
- Tech stack: Python, Typescript, React

02/2020 – 08/2022

Senior Software Engineer, Bond Financial Tech

- Built microservices for identity validation, ACH payments, and card issuance.
 - Created metrics and dashboards to operationalize these services and help with monitoring health and resilience.
 - Contributed to Bond's initial direct ACH integration with NACHA file transmission.
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EDUCATION

2012 MS in Mechanical Engineering, Santa Clara University, CA

2009 BS in Mechanical Engineering, University of California at Davis, CA