



Austin Curtis

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Summary

I'm a doer, but love brainstorming as a team. I believe compassionate transparency is the key to happy and successful relationships. I'll always evangelize that writing tests and documentation make you go faster.

Experience

Senior Software Engineer

H-E-B

Feb 2023 - Jun 2023 (5 months)

- * Built and maintained Go microservices that supported the backend for Curbside and Home Delivery. Used PostgreSQL and Firebase for storage, deployed on Kubernetes using Google Cloud's GKE.
- * Built the CI pipelines for all microservices and introduced automated testing at the unit and integration level. Evangelized the importance of these concepts and improved test coverage as much as 500% in some projects.
- * Worked with our PM and management to shepherd the team towards efficient Scrum practices.
- * Mentored the more junior engineers on our team through 1-on-1's, design discussions, and code reviews.



Senior Software Engineer

Shippo

Nov 2021 - Feb 2023 (1 year 4 months)

- * Worked full stack on the Shippo Billing and Fraud team, migrating from a Python+Django monolith to Go microservices backed by PostgreSQL and DyanmoDB. Mostly internal business logic with edge adapters for integrations with Stripe, PayPal, Sift (fraud), and 2FA.
- * Deployed on Kubernetes via AWS EKS, automated within CircleCI. Contributed to the Helm and Terraform templates as well.
- * Evangelized setting up more event-driven workflows between services, primarily using SQS and NSQ.
- * Ran the Microservice and Go guilds. Discussion forums around these topics to facilitate inter-team communication and coordination.



Software Engineer

TrueAccord

Oct 2020 - Oct 2021 (1 year 1 month)

- * Worked full stack adding Python+Django API endpoints for managing Debts, Consumers, Creditors, and more. Used React.js with MobX for the frontend.
- * Integrated with a number of 3rd-party financial APIs, ensuring to keep high quality & compliance standards around user data in a heavily-regulated industry.
- * CI/CD pipeline with Jenkins for automated testing and deployment of our application into Kubernetes.
- * Using AWS CDK for infrastructure-as-code for deploying into EKS with some additional use of SQS and RDS.



Software Engineer

WP Engine

Jan 2017 - Dec 2019 (3 years)

* Assisted in the creation of the first event-driven system in the newly-forming microservice architecture - a horizontally-scaling, declarative API serving millions of requests per week. This system was specifically designed as an example project for future teams extracting features into microservices.

Microservice in Go, backed by PostgreSQL and SNS+SQS.

* Led-by-example in instrumenting Google SRE-style SLO's and SLA's for our microservices via our self-managed monitoring and alerting infrastructure.

* One of the top domain experts for our backend platform code. Reviewed all PRs into the platform monolith to guide other teams in testing, feature-flagging, and long-term design best practices in an effort to ensure the intentional increase in quality of the monolith. Monolith was built in PHP, Python, and MySQL.



Associate Software Engineer

WP Engine

Jan 2016 - Jan 2017 (1 year 1 month)

* Improved my software engineering, communication, team collaboration, and Scrum skills.

* Lead by example in writing high-quality, easy-to-maintain, well-tested production code in PHP and Python.

* Assist and advise my team and other teams in writing effective automated tests and generally evangelizing test and deployment automation.

* Maintain our Jenkins infrastructure for CI & CD and maintain our Vagrant & Docker setups for local development.

Education



The University of Texas at Austin

Did not finish, Computer Science

2009 - 2012