Tyler J. Roberts

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Summary

Software engineer with 6+ years experience in development and design. My most recent work has been well-balanced between building back-end systems, and front-end web applications.

Skills: agile, amazon web services (aws), api, ci/cd pipelines, css, databases, docker, express, git, grafana, html, java, javascript, jira, kafka, kotlin, kubernetes, linux, nodejs, project management, python, reactjs, scrum, seo, sql, typescript, version control

Experience

Software Engineer & Project Manager

Copper + Honey Salon · Freelance

Feb 2023 − Present · Remote

— https://www.copperandhoneysalon.com
— Designed fully functional website from scratch, using AWS tools to quickly launch in time for the client's grand opening.
— Leveraged SEO techniques resulting in the website rising to the top Google Search results for hair extensions in the local area. Consistently receiving 300+ clicks/month.
— Designed solution for clients to edit their employee info on their site at any time, seamlessly working across all screen sizes.
— Work directly with the owners and an independent UX Designer, in order to design software solutions, create timelines, and conduct demos.

— *Tools & Technologies: AWS, Javascript, React.js, Material UI, SEO.*

Software Engineer

Warner Bros. Discovery · Contract

Mar 2023 − Dec 2023 · Remote

— Became key team contributor within first month by quickly becoming a part of on-call rotations, contributing to code reviews, and pushing code, allowing our team to meet the MAX launch deadline in May.
— Led efforts of designing novel integration tests, and setting up new Grafana monitoring + alerts for the team's new MAX services, in order to meet company SLA requirements.
— Lead engineer tasked with onboarding a new service from a re-org. Required collaboration with three away teams, to understand the service and get it running before my contract's end.
— General Operational Excellence. Ran load tests, contributed to new documentation, scrum leader, etc.

— *Tools & Technologies: AWS, Typescript, Node.js, Express.js, Kafka, Grafana, Kubernetes + Docker*

Software Engineer

Amazon.com · Full-Time

Dec 2019 − Jan 2023 · Seattle, WA

— Designed adapted responses for Smart Home requests. Features such as sharing customer insights, listing device capabilities, and a "Good Morning / Night" experience.
— Delivered Brief / Verbose Mode for ACMS. Developed filtering logic to serve personalized responses based on the individual customer's device setting.
— Migrated all Alexa personality content from a legacy CMS, to ACMS/ARMS. Three month endeavor that required the development of bulk migration scripts, working closely with a select few engineers, PMs, and content creators across all supported locales.
— Led the org in hiring engineers by conducting over 50 interviews in Q1 2022, resulting in a higher head count for hiring. Received the quarterly award for this effort.
— Social chair for the org, responsible for organizing quarterly events during the pandemic remote period, encouraging teammates to socialize and get to know each other better.

— *Tools & Technologies: AWS, Kotlin, Javascript, React.js, CI/CD Code Pipelines, Git*

Education

B.S. Computer Engineering, Computer Science, & Mathematics with Physics Certificate (minor).

University of Wisconsin - Madison, May 2017