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Professional Summary

Backend & Full-Stack SWE with 5 years of experience. Skilled in TypeScript (JavaScript), React, Go, and AWS. Passionate about building scalable applications with a focus on API design and collaboration.

Work Experience

Senior Software Engineer

Islah Labs – Los Angeles, CA

2024 – Present

Tech Stack: TypeScript, React, Swift UI, Rust, OpenAI API, and others

- Developing a full-stack iOS app for resume tailoring (Swift + Rust + React / TypeScript) - MVP is complete and operational

Senior Software Engineer

A-Mark Precious Metals – El Segundo, CA

2023 – 2024

Tech Stack: C# .NET Framework, Pub/Sub architecture via Azure ServiceBus, Windows Services, Azure DevOps

- Upgraded on-prem data transfer layer of .NET Framework web app to Azure ServiceBus, enhancing maintainability.
- Introduced functional tests for Azure ServiceBus, improving system robustness and coverage.
- Integrated changes into Windows services and front-end portal, ensuring seamless functionality across C# codebase.
- Verified and debugged front-end application to ensure a smooth user experience post-upgrade.
- Created deployment scripts and developed a comprehensive production cut-over timeline as a Gantt chart.

Backend Software Engineer II

Dr. Squatch – Marina del Rey, CA

2021 – 2023

Tech Stack: TypeScript (JavaScript), AWS / Serverless

- Built and owned back-end microservices and APIs for various business use cases within post-order processing.
- Connected custom delivery data with Klaviyo to support personalized email campaigns.
- Conducted dynamic order insert retention experiments to improve customer retention.
- Developed a Slack-integrated observability service, reducing errors from 100s/day to ~3/week in production order processing.
- Utilized Shopify GraphQL APIs, Recharge Subscriptions REST API, SQL, and Serverless Framework in TypeScript.
- Executed tasks using serverless infrastructure: AWS Lambda, SQS Queue, EventBridge, SES, DynamoDB.
- Scripted through hundreds of thousands of orders to automate and fix issues, saving significant manual effort.
- Collaborated closely with Fulfillment and CX teams to ensure smooth project execution.

Software Engineer I

Principle Development Group Consulting (PDGC) – Los Angeles, CA

2020 – 2021

Tech Stack: Go, Java Spring Boot, MySQL/Hibernate, Kafka, Couchbase

- Collaborated on a team of 7 engineers to migrate DirecTV systems from Java + REST + SQL to Go + streaming + NoSQL.
- Used Kafka to scale ingestion of 3M guide listings, 200K programs, and 200K celebrity records for data mapping and delivery.
- Developed extensive unit testing suites for both Golang and Java Spring Boot services (including mocking).
- Upgraded and deployed Go/Java microservices in production.
- Created a Go microservice for XML/JSON set-top-box features supporting remote booking.

Cloud Full Stack Developer

Oracle – Santa Monica, CA

2018 – 2020

Tech Stack: TypeScript (JavaScript), Python, React

- Built POC applications showcasing Oracle Cloud capabilities, integrating services using TypeScript, Python, and React.

Video Genome Project – Santa Monica, CA

Node.js Software Developer Intern

Summer 2015, Summer 2016

- Developed and deployed code for web scraping and ETL, optimizing data pipelines for a B2B movie analytics platform.

Skills

- Languages:** TypeScript, JavaScript/Node.js, Go, Python & Django, C#, Java, BASH (CLI tools), PowerShell, Rust
- Frameworks:** React, Next.js, Redux, Jest, Prisma, Nest.js, Express, Shadcn/Tailwind CSS
- Data Systems:** SQL, NoSQL, Kafka, SQS Queues, DynamoDB, AWS Lambda, MongoDB, PostgreSQL, Redis, Supabase
- Concepts:** OOP, SOLID, Caching, System Design, Gen AI (RAG, Prompt Engineering, Vector Databases)

Education

University of Illinois at Urbana-Champaign Bachelor of Science in Math and Computer Science (December 2017)

Certificates

- Triplebyte Certified SWE Generalist
- Oracle Cloud Infrastructure 2018 Certified Architect Associate