# Riyad Shauk | riyadshauk.com

[e] riyad.shauk@gmail.com | Los Angeles, CA, USA | U.S. Citizen | [c] 310-866-6284 | GitHub: riyadshauk | LinkedIn: riyadshauk

## 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-ChampaignBachelor of Science in Math and Computer Science *(December 2017)*

## Certificates

Triplebyte Certified SWE Generalist

Oracle Cloud Infrastructure 2018 Certified Architect Associate