Riyad Shauk

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PROFESSIONAL SUMMARY   Software Engineer (TypeScript + AWS | Experimenting with: React, Go, Rust), CS degree

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WORK EXPERIENCE

Backend Software Engineer II, Dr. Squatch Soap Co.   2021 → February 2023
Los Angeles, CA (officially hybrid, actually remote) – [manager/reference](#)
- ◈ Built and owned several back-end microservices for various business use-cases, ranging from: post-order processing (eg, order transformations, SKU updates), connecting custom delivery data with Klaviyo to support custom emails, several dynamic order insert retention experiments, Slack-integrated engineering-events service (RT-error reporting)
- ◈ Utilized Shopify Admin Graphql API, Recharge Subscriptions REST API, AWS Dynamodb API, and Klaviyo Metrics API, SQL, executed via serverless infrastructure (AWS Lambda, AWS SQS Queue, AWS EventBridge, AWS SES), when working between stakeholders in the Ops/Fulfillment and CX teams
- ◈ Scripted through 100k's of orders that otherwise would've needed manual fixing (both automated and ad hoc)
- ◈ Daily Tech Stack: TypeScript (ESNext), Serverless Framework (AWS-deployed microservices), SQL, Eslint, Git, [lib](#)
- ◈ Daily Routine: Two week sprints, Jira ticket management, GitHub repos, Zoom meetings, Slack conversations/updates

Software Engineer I, Principle Development Group Consulting (PDGC)   2020 → 2021
Los Angeles, CA – [manager/reference](#)
- ◈ Worked on a team of 7 engineers to migrate AT&T/DirecTV satellite metadata push systems from legacy platforms to AWS Kubernetes based infrastructure
- ◈ Implemented Golang microservices that ingest television programming metadata (guide schedules, shows, movies, celebrities, VOD content) to be prepared for satellite delivery to DirecTV customers nationwide
- ◈ Built Kafka streaming applications to horizontally scale the ingestion of approximately 3 million guide listings, 200k programs, and 200k celebrity data objects for data mapping and delivery
- ◈ Developed extensive unit testing suites for both Golang and Java Spring Boot services (leveraged Golang's raw mocking support and Java's Mockito framework)
- ◈ Upgraded various (Golang and Java) DirecTV microservices for compliance and deployed the new versions to production
- ◈ Built a Golang microservice for delivering XML- and JSON-formatted set-top-box device features as part of an initiative for scheduling remote bookings (like recording shows) to support newer ways of booking, along with legacy methods

Cloud Full Stack Developer / Solution Engineer, Oracle   2018 → 2020
Santa Monica, CA – [manager/reference](#)
- ◈ Built proof-of-concept (MVP) apps to demonstrate how Oracle Cloud PaaS/IaaS could be used in certain business use cases
- ◈ Developed a [full-stack Swift app](#) (using token auth, BCrypt hashes), and integrated it with OCI Compute using Docker
- ◈ Gamified a [React Native movie app](#) by building [comment/rate](#) (Mobile Hub), [chat](#) (WebSockets), and [recommend](#) μ-services
- ◈ Stress-tested a SQL database for a customer by writing a [Python script](#) that inserts numBytes of CLOBs
- ◈ Built a stand-alone, declarative [React + Redux tool](#) as a visual way to code a digital assistant YAML, improving dev UI/UX
- ◈ Used Python to demo how to [stream real-time temperature data](#) from Streaming API to object storage (for BI use cases)

Software Engineer Intern (Node.js), Video Genome Project ([VGP](#), later acquired by Hulu)   Summer 2015, Summer 2016
Santa Monica, CA – [manager/reference](#)
- ◈ Leveraged Node.js (Cheerio, Lodash, Async), Postgresql, and BASH to perform ETL for a B2B movie analytics platform
- ◈ Wrote and deployed microservice web scrapers (JavaScript) that parsed and cleaned movie review listings
- ◈ Repaired ~15 AWS EC2 linux machine states due to memory (no swap files, inefficient closure usage) or other RT errors
- ◈ Built a Casper.js crawler to log into a social networking website and scrape news data for the daily news dashboard
- ◈ Exhaustively tested my Git branch on a clean server environment, then merged locally and created pull requests

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SKILLS = { ***JavaScript***: [TypeScript, ES6, Node.js, React, Flow, Express, JSON, JQuery], ***API***: [REST, GraphQL], ***Cloud***: [AWS (Lambda, SQS, DynamoDB, SES, EC2, S3), Nginx, BASH, Docker], ***Data***: [SQL, DynamoDB, MongoDB, ORM], ***Quality***: [SOLID, OOP, FP, Jest, Cypress, Mocha/Chai], ***UI***: [HTML, CSS (Flexbox, Grid), styled-components, responsive design], ***Tools***: [Webpack, Babel], ***State Management***: [Redux, Git] **}**

EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science in Math and Computer Science ………………………………………………………………………….. December 2017

CERTIFICATES   Triplebyte Certified Software Engineer Generalist   Oracle Cloud Infra. 2018 Certified