Urmzd Mukhammadnaim

urmzd@dal.ca | +1-416-731-2124 | linkedin.com/in/urmzd | github.com/urmzd

SKILLS

Languages: (Proficient) Java, Python, Rust, TypeScript, Bash; (Familiar) C, Lua, SQL

Tools & Frameworks: AWS, Docker, React, Spring Boot, Node.js, MongoDB, Serverless, GraphQL, Redis, PyTorch

EXPERIENCE

Software Engineer   **Air Miles**   **Sep 2022 - Dec 2022**
Toronto, Ontario

- Did X as measured by Y resulting in Z

Software Engineer   **ReelData**   **Aug 2021 - Apr 2022**
Halifax, Nova Scotia

- Engineered QA automation tool, reducing client QA times by 90% and, enabling passive data collection for R&D purposes.
- Increased observability into data pipelines by engineering features to enable testing, metering, tracing, and shadow-deployments.

Full Stack Developer   **Dear Life**   **Nov 2020 - Apr 2021**
Halifax, Nova Scotia

- Leveraged Serverless framework, AWS Aurora, Lambda, API Gateway, S3 and, CloudWatch to stand-up scalable and fault-tolerant microservices.
- Architected referral microservice using AWS SQS and Serverless, increasing pre-release email signups by 1000

Full Stack Developer   **Shoelace Learning**   **Jun 2020 - Aug 2020**
Halifax, Nova Scotia

- Built and maintained RESTful APIs on top of MySQL and MongoDB to handle thousands of daily users in North America.
- Engineered visualization tools using React and Redux to enable educators to view key insights into students' progress.

PROJECTS

Lin Gen Prog   **Rust**   github.com/urmzd/lin-gen-prog

- A framework for implementing linear genetic programming.

Gym Rs   **Rust**   github.com/urmzd/gym-rs

- A native Rust implementation of OpenAI's Gym library.

EDUCATION

Dalhousie University   **Sep 2018 - Apr 2023**
Bachelor of Computer Science (Hons)(Co-op)

Description: Minor in Mathematics; Certificate in Artificial Intelligence & Intelligent Systems

Achievements: Sexton Scholar - Winter 2020, Summer 2021

HOBBIES & INTERESTS

MMA, Life and Physical Sciences, System Design, Machine Learning