

Urmzd Mukhammadnaim

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| 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
Toronto, Ontario

Air Miles

Sep 2022 - Dec 2022

- Implemented cloud-based solution to process millions of records at scale using AWS Batch, S3, and SES.
- Did X as measured by Y resulting in Z.

Software Engineer
Halifax, Nova Scotia

ReelData

Aug 2021 - Apr 2022

- 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
Halifax, Nova Scotia

Dear Life

Nov 2020 - Apr 2021

- 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
Halifax, Nova Scotia

Shoelace Learning

Jun 2020 - Aug 2020

- 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 resolving various machine learning tasks using linear genetic programming.

Gym Rs

Rust

github.com/urmzd/gym-rs

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

EDUCATION

Dalhousie University
Bachelor of Computer Science (Hons)(Co-op)

Sep 2018 - Apr 2023

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