

Rajvir Parmar

Full-Stack Software Engineer | TypeScript (React) + Python (Django) | AWS (Lambda, S3) + Docker | CI/CD (Jenkins)
Toronto, ON (Willing to Relocate) | rajvirparmar32@gmail.com | linkedin.com/in/rajvir31/ | github.com/Rajvir31 | rajvirparmar.ca

Education

Western University (University of Western Ontario)

Bachelor of Science (BSc) - Honors Specialization in **Computer Science**

(New Grad Apr 2026)

Relevant Coursework: DSA, Operating Systems, Database Systems, Distributed Systems, Computer Networks, Software Design/Architecture

Work Experience

Solink Sep 2025 - Present

Software Engineer Intern

Remote

- Built a Device Health Dashboard (**React + Python (Django)**) by ingesting alarm + telemetry streams, storing health artifacts in **AWS (S3)**, and running the app in **Docker** for consistent deploys, enabling operators to **diagnose issues 29% faster**
- Delivered a warehouse inventory analytics platform (**Node.js + SQL + Kubernetes**) by ingesting stock/order updates, modeling SKU/location inventory, and shipping dashboards, **reducing overstock costs by \$132K/yr**
- Built a **TypeScript CLI** to audit and remediate IoT manufacturing access/config drift by implementing **Jenkins-driven** rollouts with validation, **resolving 83 access inconsistencies/month** and cutting remediation time from **1 day to 2 hours**

Riipen May 2024 - Aug 2024

Software Engineer Intern

Remote

- Re-architected deployments from **EC2 to AWS Lambda** by refactoring services into serverless functions and updating CI packaging, cutting deploy time from **57 minutes to 14 minutes** and reducing costs by **\$9.7K/month**
- Built a **Node.js**-powered security audit tool to analyze network access configurations, identifying and resolving **237 misconfigurations** across critical infrastructure and safeguarding **50,000+ user accounts** from breaches
- Improved an **AI** video generation platform by fixing extension workflow bugs and adding transcript post-processing (confidence filtering + timestamp alignment) which lead to reducing manual editing time **by 35%**

Loblaw Digital Sep 2023 - Dec 2023

Software Developer Internship

Toronto, ON

- Designed an equipment monitoring system using **Python** and **RESTful API**, using predictive maintenance alerts and enabling detailed cost analysis for optimized financial planning which reduced **downtime by 14.7%**
- Implemented a **Python-based encryption service** to protect **over 9,200 video assets** and containerized backend services with **Docker** to isolate workloads, unify deployments, and reduce deployment-related incidents by **47%**
- Automated regression testing by building a **Python** framework that generates test cases and triages failures using LLM-based classification, finding **87 critical bugs** over **5 releases** and cutting manual testing **45%**

Scotiabank Jan 2023 - Apr 2023

Software Developer Internship

Toronto, ON

- Built a financial reporting automation tool using a **Go-based ETL GCP pipeline**, consolidating revenue data from regional divisions and reducing the reporting cycle from **5 days to 15 hours** while improving data accuracy
- Reduced **WebRTC** metric **cardinality by 90%** by refactoring instrumentation to collapse noisy label permutations and implementing collector-side rollups, improving **Prometheus** query performance and **cutting storage costs by 8.9%**
- Improved delivery on a **Java distributed system** by rolling out **CI merge gates** and a consistent branching and review process for **15+** engineers, cutting integration conflicts **by 15%** and reducing rework during releases

Projects (Personal)

DEEZED – AI Workout App github.com/Rajvir31/deezed

- Built and shipped a GPT-4o-powered AI workout app using **React Native/Expo**, Fastify, and **PostgreSQL/Prisma** (plus Clerk auth, S3 photo uploads, shared Zod schemas), reaching **100 monthly active users**

MICROSERVICES – Reliability Lab github.com/Rajvir31/Microservice-App

- Built a Go-based microservices reliability lab using end-to-end observability (**OpenTelemetry, Prometheus, Grafana** dashboards) and load testing + failure injection, achieving **API p95 latency 720ms -> 210ms** by adding composite indexes and rewriting slow queries

Skills

Programming Languages: Python, TypeScript, Go, C/C++, Java, JavaScript, SQL

Backend: Django, Node.js, REST APIs, PostgreSQL, MongoDB, Kafka, Fastify

Frontend/Cloud: React, React Native/Expo, AWS (Lambda, S3), Docker, Kubernetes, Jenkins, Git, OpenTelemetry, Prometheus, Grafana