

AMIR KESHTKAR

Toronto, ON • keshtkaramirhossein1379@gmail.com • linkedin

PROFESSIONAL EXPERIENCE

J.D. Power — Software Engineer (Intermediate), Remote Nov 2025 – Present

- Leading platform modernization initiatives across enterprise analytics systems.
- Driving Java 8 → 21 and Spring 4 → 6 migration strategy, evaluating compatibility, performance, and upgrade risk.
- Modernizing architecture documentation with version-controlled system diagrams improving system traceability.

J.D. Power — Software Engineer (Junior), Remote May 2024 – Nov 2025

- Owned backend services supporting enterprise analytics platforms used by global automotive clients.
- Led large-scale SOAP → REST migration reducing legacy coupling and improving service maintainability.
- Built transactional workflows and high-reliability REST APIs using Java/Spring.
- Designed serializers enabling backward compatibility across SOAP/REST ecosystems.
- Optimized ETL pipelines improving processing efficiency and data integrity.
- Strengthened application security mitigating XSS and CORS vulnerabilities.
- Supported CI/CD infrastructure (Jenkins, GitLab, Ansible) for production deployments.

J.D. Power — Software Engineer Intern, Remote May 2022 – Sept 2023

- Delivered production features, owning 50%+ of sprint tickets by internship completion.
- Developed backend services and contributed to release deployments.
- Mentored interns on Java, Docker, GitLab CI/CD, and JIRA workflows.

CIBC — Student Analyst (Co-op) May 2021 – Sept 2021

- Partnered with Capital Markets executives on strategic initiatives.
- Produced analyses and business cases supporting 300% asset growth programs.

PROJECTS

AI RAG Retrofit Intelligence Platform — Team Lead

- Architected retrieval-augmented generation pipeline integrating LLM inference with structured retrofit datasets.
- Led 4-engineer team delivering production-ready full-stack platform.
Tech: TypeScript, Next.js, OpenAI API, Supabase

Automated Assessment And Assignment Platform — SWE / PM

- Built distributed grading platform serving 500+ students.
- Developed gRPC ingestion services and CI/CD pipelines.
Tech: C#, ASP.NET, Node.js, Docker, TypeScript

Cancer Detection CNN

- Trained CNN models achieving 99% classification accuracy.
Tech: TensorFlow, Keras, Python

EDUCATION

Western University — BSc Software Engineering 2019 – 2024

Distinction • Dean's Honour List • GPA: 3.7 / 4.0

TECHNICAL SKILLS

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

Backend: Spring, REST APIs, Microservices, Distributed Systems

Cloud/DevOps: Docker, Kubernetes, CI/CD, Jenkins, GitLab, Ansible

Data: MySQL, MongoDB, ETL Pipelines

Observability: Prometheus, Grafana

AI/ML: TensorFlow, CNNs, RAG Systems

Security: OAuth2, Spring Security