Ali Umar

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Objective

Intermediate level Software Developer with **2 years** of experience seeking a full-time job opportunity. Enjoys working with and troubleshooting large systems. Seeking client facing Software Developer role or a DevOps/Internal tooling role.

Relevant Work Experience

- ❖ **Senior Programmer Analyst – Contract**
  MINISTRY OF CHILDREN, YOUTH AND SOCIAL SERVICES – (SEPT 2023–PRESENT)

- ❖ **Software Developer CO-OP**
  MINISTRY OF CHILDREN, YOUTH AND SOCIAL SERVICES – (MAY 2022–AUG 2023)
  - Integrated OAuth2 code flow for an Angular SPA (Single Page Application) with an internal enterprise vendor who used Oracle Access Manager as the IAM technology of choice
  - Setup Jenkins CI jobs for application builds & deployments. Automated versioning, automated Git tagging, separation of build jobs & deployment jobs. Integrated tooling with Nexus Repository for storage, SonarQube for code analysis, Jenkins CI for automation and Gitlab for code version control
  - Created and maintained configuration/installation documentation for a 3-layer infrastructure architectural pattern on RedHat VMs consisting of a presentation layer VM, reverse proxy VM and an application layer VM
  - Configured Apache/httpd web server as reverse proxy and to serve up static web content
  - Gained familiarity with FHIR data format standard for Health Care interoperability
  - Created SQL script using oracles PL/SQL proprietary scripting language in order to add a new feature (Form) into a data driven Java 8 legacy CMS/Data-Entry system that is in production across Ontario
  - Fixed various bugs within a large Java 8 legacy codebase

- ❖ **Software Developer CO-OP**
  MINISTRY OF GOVERNMENT & CONSUMER SERVICES – (JAN 2020–AUG 2020)
  - Worked with a team of four to deliver features on an existing internal data driven dashboard written in Angular with a .NET backend
  - Worked with a team of four to deliver a new data driven dashboard written in Angular with Elasticsearch as the backend

Technical Skills

- Foundational knowledge: general programming concepts, data structures, relational database design, common programming patterns, networking concepts, basic system design
- Familiar with C, C++, Python, JavaScript/TypeScript, Java, C#, Apache Groovy
- Familiar with Angular, React, Express, .NET, Flask, Spring
- Familiar with Linux, Git/version control systems, Various relational database solutions [MSSQL, Oracle SQL, SQLite], Cloud solutions (Azure, AWS), shell, GNU Make

Education

- York University - Honours BSc, Computer Science (Sept 2021–April 2025)
- Seneca College – Diploma, Computer Engineering Technology (Sept 2018-2021)

Assets/Certifications

- AZ-900: Microsoft Azure Fundamentals

Projects

- Particle engine
- Squirrel Glider game
- Discord bot