AMIR MIRZAEI

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EDUCATION

Algonquin College   Ottawa, Ontario
Ontario College Diploma: Computer Programming   *Expected Graduation, Sept 2025*

- CGPA: 3.90/4.0 - 3x Dean's Honour List

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, JavaScript, HTML/CSS, PHP

Developer Tools: Docker, Git, Microsoft Azure, Grafana, Prometheus, Wireshark, Cisco Packet Tracer

Libraries: Junit, Ansible, Jinja, Flask, Json

Communication Skills: Problem Solving Skills, Teamwork, Fast and Self Learner, and attention to detail

EXPERIENCE

Nokia   Ottawa, Ontario
IT Developer   Sept 2024 – Present

FortiGate Firewall Automation

- Developed an Ansible playbook to automate FortiGate firewall configurations, enhancing network security management.
- Structured automation with address groups, custom services, and service groups for scalability and modularity.
- Integrated Azure Key Vault to securely manage the FortiGate access token, ensuring robust credential handling.
- Deployed the playbook in Semaphore for continuous integration and delivery, streamlining production workflows.

DDI Service Monitoring and Reporting Portal

- Implemented Grafana and Prometheus for real-time monitoring and visualization of DDI performance metrics.
- Deployed Node Exporter and Bind Exporter to collect system and DNS service metrics for enhanced observability.
- Configured alerting systems in Prometheus to proactively identify and resolve network issues.
- Optimized Grafana dashboards for actionable insights, facilitating informed decision-making.

PROJECTS

Movie Collection – Web Development

- Developed a web app enabling user contributions using HTML, CSS, JavaScript, PHP, and SQL.
- Enhanced UX with seamless client-server communication and robust JavaScript form validation.
- Integrated an SQL database for efficient data storage and retrieval, prioritizing integrity, and performance.
- Designed user-friendly search and filtering features for swift movie discovery by title, year, and genre.

Employee Management System – Java OOP

- Applied UML and SOLID Principles to enhance the design and maintainability of the Maven-based codebase.
- Implemented the Single Responsibility Principle by dividing tasks into distinct components.
- Created TextFormatter for key-value pair storage and utilized JSONFormatter for versatile data formatting.
- Developed JUnit tests for key classes and generated UML Class Diagram, detailing SOLID principle.