Andreja Japundzic

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Highlights of Qualifications

- **Advanced programming skills** (Python, React, YAML, Java, C++, JavaScript, HTML, and SQL) gained through 5+ years of programming. Extensive knowledge of different work platforms (RedHat, AWS, Ansible, Ubuntu, AIX, and Windows) and GIT.

- **Effective oral, written, and collaborative communication skills** developed through professional presentations, documentation, academic group projects and tutoring school subjects.

- **Quick learner with strong comprehension skills**, allowing for fast onboarding and efficient independent work.

- **Strong analytical thinking and problem-solving skills** gained through complex academic projects, extensive program debugging, and consistent problem solving.

- **Ability to multi-task** effectively while delivering the highest quality of work.

Education

Bachelor of Computer Science, University of Waterloo, Waterloo ON **2021 – 2026**
Bachelor of Business Administration, Wilfrid Laurier University, Co-op Program, Waterloo ON **2021 – 2026**

Work Experience

Software Developer and Site Reliability Engineer, (Co-op) Royal Bank of Canada (RBC) **Winter 2023**
- Collaborated with a cross functional team to gather requirements, establish objectives, and understand priorities.

- Built a universal automation using **Ansible** and batch scripts for the installation and setup of **Splunk Universal Forwarder** on **RedHat Linux, AIX, and Windows servers**. This greatly improved the server setup process and allowed for the new servers to be provisioned and setup quickly and efficiently.

- Improved production system up time by automating the process of checking for a "lock" in the **DB2 database** and alerting the appropriate team using **Ansible.** This resulted in the daily task being eliminated (saved 30 minutes of employee time/day) and reduced the risk of production outage (critical Pega workflow application).

- Automated numerous regression system testing for critical application (Crown Jewel) using **Selenium API** and **Python**, resulting in the verification of the systems, ensuring full and proper regression testing verification.

- Improved existing and **detailed documentation and specifications** and presented in **knowledge transfer** meetings to support automations, resulting in an efficient and effective deployment.

- Utilized the team's **GIT Repository** to store projects, resulting in an organized workspace.

Hardware Technician, Self-Employed **2018-Current**
- **Diagnose, troubleshoot, maintain, and repai**r various hardware and computer components.

- **Stress test and benchmark** new hardware using various software tools.

- Integrate new computer hardware and software, including **system upgrades**.

- Assembly and testing of computers and peripherals such as printers and keyboards.

- Utilize hardware tools to assist in **diagnosing problems.**

Projects

Development and Implementation of a Chess Game (C++)
- Utilized **design patterns** to design an abstract and modular fully functioning chess game with an interactive GUI.

- Debugged using **GDB debugger** and used smart pointers along with **Valgrind** to avoid memory leaks.

- Met efficiency and stability expectations through analytical thinking and problem solving.

Application Pilot Development (React Native and AWS)
- Developed application **front end** pilot using **React Native** following a pre-approved UX design.

- Integration with **back end** implemented using **AWS Amplify, AppSync, Cognito, CloudWatch, S3, and IAM**.