Philip Wanczycki, Software Developer

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EXPERIENCE

Fullscript   **Sep. 2024 – Ongoing**
Developer I, Back End   Ottawa, ON

- Ensured the stability and performance of a monolithic Ruby on Rails application by maintaining and optimizing core infrastructure features.
- Developed custom developer tooling using Rails and React, streamlining the engineering workflow.
- Optimized the CI pipeline by migrating to a more efficient linting tool, reducing deployment step time by 40% and improving overall development speed.
- Enhanced web application security by implementing a Content Security Policy, mitigating potential cross-site scripting vulnerabilities and safeguarding sensitive data.

JSI Telecom   **Sep. 2021 – Dec. 2021, May 2023 – Aug. 2023**
Software Developer Co-op   Ottawa, ON

- Designed and implemented .NET plugins and a Ruby dashboard web app to expand the ingress system of a data analytics platform, documenting features and changes in Confluence.
- Developed comprehensive unit tests for new components using xUnit and performed additional testing in Docker containers to meet high standards for code quality and robustness.
- Communicated effectively with stakeholders to identify requirements and ensure the successful and timely delivery of software features, resulting in increased client satisfaction.

EDUCATION

Carleton University   **Sep. 2019 – Dec. 2023**
Bachelor of Computer Science Honours   Ottawa, ON

- Graduated with High Distinction, 11.5/12 CGPA
- Relevant Courses: Object-Oriented Software Engineering (A+), Operating Systems (A+)
- Volunteer for the Carleton Computer Science Society

SKILLS

➢ Bilingual (French)	➢ Linux	➢ Ruby	➢ TypeScript
➢ Analytical problem-solving	➢ Git	➢ React	➢ Docker
➢ Technical writing	➢ C#	➢ SQL	➢ Software QA

PROJECTS

Album Cover Genre Classification Neural Network   **Apr. 2023**

- Designed and trained an image classifier neural network in Python based on the VGG16 architecture, using transfer learning to improve accuracy in genre recognition tasks by 22%.
- Wrote several pre-processing scripts in Python, allowing new configurations of raw image data to be properly interpreted by the neural network.