

Vincent Zvikaramba

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Professional Summary

Full Stack Engineer passionate about knowledge-sharing, mentoring peers, and staying ahead of the curve by experimenting with and implementing cutting-edge technologies.

Education

2021 **Honors BSc**, *University of Toronto*
Statistics and Computer Science

Skills

Languages TypeScript/JavaScript, Python, Bash, Java, C/C++, PHP, SQL, LaTeX
Frameworks React, Spring Boot, Django, SQL Alchemy, Guice, Gson, Docker, Git, Node.js, Nginx, Jenkins,
and Libraries Ansible, GitLab CI, Gerrit, MySQL/MariaDB, Redis
DevOps Containerization, CI/CD pipelines

Experience

2022–2025 **Full Stack Engineer**, *TitanFile Inc*, Toronto

Intermediate

- Implemented Microsoft 365 integration using Python in the back-end and TypeScript on the front-end, enabling seamless document editing; and reducing technical debt by adopting TypeScript in the code-base and creating a template for future front-end development in TypeScript and React.
- Ported core Marionette views to React in TypeScript, improving code readability, reducing technical debt and minimizing uncaught bugs.
- On-boarded and mentored 3 new engineers, filling gaps in their knowledge of the tech stack, helping reduce technical debt and fostering a collaborative team environment, ensuring seamless integration into the tech stack and workflows.
- Implemented React Router routing as part of Admin Console rewrite, simplifying browser-side navigation.
- Worked on Python3.8 to Python3.11 migration as part of DevOps team, speeding up Django backend execution by 20%.

New Grad

- Resolved performance bottlenecks in PDF watermarking of large files on the back-end, reducing downtime and memory usage by 10% and allowing for more responsive PDF previewing of large files on the front-end.
- Updated DocuSign integration to accept JSON web-hooks, increasing security by using more secure XML parser implementation and enforcing future usage of JSON web-hooks, while maintaining compatibility with older XML-based web-hooks for a seamless update.
- Participated in code reviews, helping enhance code quality, improving maintainability and reducing bugs by encouraging usage of TypeScript over JavaScript and type hinting in Python.
- Translated Figma designs into fully responsive and interactive front-end components using React, TypeScript and SCSS, with a focus on code and asset re-usability, such as through usage of standard icon sets such as Font Awesome.
- Leveraged React Context API on the front-end to manage and share state between components, improving the scalability and maintainability of the application.
- Collaborated with other DevOps team members to migrate legacy virtual machine based systems to containerized environments using Docker.
- Led internal hackathon project integrating the ChatGPT API to help craft user messages in the app and perform repetitive tasks, optimizing user workflows and enhance user experience.
- Reduced memory usage and increased up-time by analyzing slow database queries causing crashes, using SQL commands on the back-end to optimize slow Django queries.