

Vincent Zvikaramba

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Education

University of Toronto

Honours Bachelor of Science
Statistics and Computer Science

2021

Professional Summary

Full Stack Engineer with extensive experience designing and implementing scalable, user-centric solutions. Proficient in modern web frameworks, RESTful APIs, and cloud infrastructure, with a strong focus on delivering seamless user experiences and optimizing system performance. Adept at collaborating across teams, mentoring developers, and integrating innovative technologies.

Skills

Programming Languages: TypeScript/JavaScript, Python, Bash, Java, C/C++, PHP, SQL

Frameworks and Libraries: React.js, Spring Boot, Django ORM, SQLAlchemy, Guice, Gson

Tools: Docker, Git, Node.js, Nginx, Jenkins, Ansible, GitLab CI, Gerrit

Databases: MySQL/MariaDB, Redis

DevOps: Containerization, CI/CD pipelines

Other: CloudFlare API, SELinux, Android Build Systems

Experience

TitanFile Inc

Toronto

Full Stack Engineer

2022–Present

- Reviewed and enhanced code quality through rigorous code reviews, improving maintainability and reducing bugs.
- Collaborated with the DevOps team to migrate legacy systems to containerized environments using Docker.
- Led design and implementation of Microsoft 365 integration using Python and TypeScript, enabling seamless document editing.
- Spearheaded internal hackathon project integrating ChatGPT to optimize user workflows and enhance user experience.
- Refactored outdated JavaScript views into TypeScript with React.js, improving readability and minimizing uncaught bugs.
- Resolved performance bottlenecks in PDF watermarking, reducing memory usage by 20%.
- Onboarded and mentored new developers, fostering a collaborative team environment and ensuring seamless integration into the tech stack and workflows.

University of Toronto

Toronto

Teaching Assistant (Software Tools and Systems Programming)

2016–2017

- Led programming tutorials, aiding students in debugging assignments and improving their technical skills.
- Evaluated programming submissions, delivering detailed feedback to guide student improvement.
- Supported course assessment by proctoring exams and coordinating with faculty for grading.

Contracts

South-Asian Women's Rights Organization

Toronto

Client Management System

2021–2023

- Redesigned a legacy CMS using Django backend and React.js frontend, ensuring scalability and maintainability.
- Designed and deployed REST APIs to facilitate secure, efficient data exchanges between MySQL database and client interfaces.

Promatec Solutions

South Africa

Website

2021

- Built a responsive website and email solution in collaboration with another developer.
- Built and deployed a responsive web application using React.js and Node.js.
- Built and deployed email solution using bespoke containers running postfix and dovecot.
- Utilized Docker for streamlined deployment and Gerrit Code Review for team collaboration.
- Automated DNS record management for website and email solution using a Python script integrated with CloudFlare API.

Projects

Automated MMO Client

2018–2019

- Decompiled and debugged obfuscated game client code to identify and modify core functionalities via injection and reflection.
- Designed and implemented custom UI elements with Swing and AWT to improve user interaction.
- Automated in-game navigation using breadth-first search and A* search algorithms.

Android Custom ROMs

2015–2019

- Maintained kernel support for legacy Samsung devices, extending compatibility to Android 10.
- Analyzed system logs to debug builds and crafted SELinux policies to enhance security.
- Implemented forward compatibility libraries for proprietary OEM components, ensuring seamless upgrades.
- Automated build pipelines using Jenkins and Gerrit, optimizing development and collaboration workflows.