

# Vincent Zvikaramba

+1 (647) 220-0748  
zviko@vincent@gmail.com  
in zvikaram  
vince2678

## Education

2021 **Honours Bachelor of Science**, *University of Toronto*  
Statistics, Computer Science

## Skills

Programming Typescript/Javascript, Python, HTML, CSS, Java, C/C++, PHP, SQL, Bash  
Tools Docker, Git, Node.js/Npm, Backbone.js, Underscore.js, Django ORM, GitLab CI, Celery, Nginx, Ansible  
Frameworks and libraries React.js, Socket.IO, Celery, JQuery, Java Collections, Guice, Gson, Guava, Lombok, JUnit, Spring Boot, SQLAlchemy

## Interests

Electronics I enjoy tinkering with hardware at every level. Particularly enjoyed working with FPGAs and Verilog in university for programmable circuit design.  
Reading I come from a family of avid readers; I'm usually reading research articles, documentation or spec sheets for miscellaneous electronic components.  
Music I love listening to and playing music on guitar.

## Experience

2022–Present **Software Engineer**, TitanFile Inc

- Reviewed other developers' code as part of code reviews and participated in daily stand-up meetings summarizing daily progress
- Worked with senior developers as part of DevOps team to improve performance and security of tools/infrastructure used for development
- Improved display of embedded images in emails sent via application's Outlook integration plugin
- Identified and optimized memory usage issue for pdf watermarking process
- Worked as a project leader on an internal hackathon to develop an integration with ChatGPT to leverage the power of AI to improve the user experience
- Developed Microsoft 365 integration using Microsoft's WOPI specification from scratch to enable viewing and editing documents within the application, implementing new code in TypeScript using React.js framework
- Rewrote frequently used views such as the generic dialog and PDF viewer in TypeScript using React.js and JSX/TSX to increase reusability and readability
- Helped onboard and train new developers, particularly on the tech stack and DevOps practices

2016–2017 **Teaching Assistant**, *Software Tools and Systems Programming*, University of Toronto

- Instructed students in tutorials and helped them troubleshoot and identify bugs in programming assignments
- Graded programming assignments and provided feedback for improvement
- Worked as part of a team of TAs to proctor tests and mark test papers

## Projects

- 2022–Present **Client Management System**, *South-Asian Women's Rights Organization*, Toronto
- Worked as part of a team to build a client management system for SAWRO's client database
  - Used Python and Flask to write the web application
  - Used an ORM (SQLAlchemy and Django) to interact with the SQL database
  - Rewrote CMS in Javascript and Python3 using Django ORM and MySQL for the backend and React.js and TS/ES6 for the frontend
- 2022–Present **Website**, *Promatec Solutions*, South Africa
- Collaborated with another developer to build a website and e-mail solution for Promatec
  - Used docker for containerisation and easy deployment of services
  - Deployed and leveraged Gerrit Code Review for collaboration and code review
  - Wrote a python script hooking into the CloudFlare API for managing DNS records required or used in application containers
  - Used Node.js as web server and as the backend for APIs exposed to the frontend
  - Used React.js for UI component design and reuse
- 2015–2019 **Android Custom ROMs**
- Maintained support for Samsung devices originally running Android versions 4, 5, 6.0,
  - Maintained legacy kernel code and backported new kernel code
  - Developed tools and user-space interposer libraries for forward compatibility of proprietary libraries and programs with future android releases
  - Maintained Makefiles for use in the build system
  - Deployed Gerrit for code review and collaboration and Jenkins for builds and continuous integration