

Anthony Thanpoovong

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SKILLS

Languages/Frameworks: Java, Python, C, SQL, HTML, CSS, JavaScript, Node.js, React, Django

Technologies: Vim, Linux, Git, Oracle Database, Jira, Trello, Confluence, Docker, Kubernetes, Quartus

EDUCATION

Toronto Metropolitan University | Toronto, ON

May 2025 (expected graduation)

Bachelor of Engineering [B.Eng]: *Computer Engineering – Software Engineering*

- **Relevant Courses:** Algorithms and Data Structures, Digital Systems, Database Systems 1, Microprocessor Systems, Object Oriented Eng Analysis and Design, Software Systems, Advanced Algorithms, Software Design Architecture

PROFESSIONAL EXPERIENCE

Software Engineer Intern

February 2024 - April 2024

ezML | San Francisco, CA

- Deployed a cloud-based server to store videos for ezML's computer vision program
- Developed a front-end interface for customers to schedule a consultation with ezML
- Worked with the back-end team to conduct code reviews on CV pipelines

Security Engineer Intern

September 2023 - December 2023

Scotiabank | Toronto, ON

- Performed a backup of the MySQL database and executed a vault migration due to an update to RHEL8
- Produced scripts in Vim to resolve the issue of crontabs not being connected to the MySQL servers
- Deploying vaults through Scotiabank's Linux servers on unresponsive servers to increase client efficiency by 20%
- Managing API calls to the vault and the MySQL server while deploying visual data on PowerBI
- Researching and documenting the Confluence pages on the threats and use cases of Quantum Cryptography
- Rotating as Cloud Security Engineer to troubleshoot Kubernetes deployment issues

Quality Engineer Intern

May 2023 - August 2023

TD Canada Trust | Toronto, ON

- Collaborated in a small team of 10 to extract data from TD's Wealth and Finance databases using SQL
- Composed over 100 feature files for the Security Management Team and DaaS platforms using Java and Selenium
- Tested and mapped the traceability of the data through several test cases and TD automated tools to increase efficiency by 20%
- Developed scripts that automated tasks such as database backups and restore servers, saving approximately 20 hours per week

Full Stack Developer Intern

January 2023 - April 2023

LDRS Investments Incorporated (Startup) | Toronto, ON

- Produced a full-stack website in a small team of 4 using Django, MySQL, Python, Javascript and React.Js
- Designed an instantaneous chat feature for customer-to-service representatives using Django channels and React.Js that helped increase customer service by 70%
- Implemented a login-authentication screen for newly registered users that boasts the security of the platform by 36%
- Devised and upheld sprints through Trello and Git Bash to increase efficiency by 22%

PROJECTS

Resume Builder Web Application | [Java](#), [HTML](#), [Docker](#), [Kubernetes](#)

- A resume builder application that enables users to create and save resumes on their registered accounts
- Implements knowledge of Servlets, Forms, N-tier architecture, Docker, Kubernetes, and deployed all microservices on Google Cloud

Book Store Application | [Java](#), [Java FXML](#)

- In a group of 4, we developed a bookstore application that lets users purchase books from a catalogue
- Designed an algorithm to delete a book instantaneously from a catalogue and vice versa