

# Mithish Ravisankar Geetha

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## EDUCATION

### The University of British Columbia

Kelowna, British Columbia

*Bachelor of Science in Computer Science, Minor in Data Science-Co op*

*Sep. 2021 – May 2026*

- Dean's List (2021/22 and 2022/23)
- Deputy Vice Chancellor's Scholarship (2022/23), Faculty of Science International Student Award (2023/24)

## EXPERIENCE

### Software Developer and Robotics Process Automation (RPA) Developer

May 2024 – Present

*The Equitable Life Insurance Company of Canada*

*Waterloo, Ontario*

- Designed and developed a scalable cloud-based chatbot using Python, Azure Functions, and Microsoft Teams APIs, enabling secure retrieval of API keys from Azure DevOps, increasing automation efficiency by 25% and enhancing internal productivity
- Debugged, enhanced, and developed React-based applications for the internal company website, reducing load times by 6 seconds and improving overall functionality across 5 key internal tools.
- Automated and updated a depreciated report compiler application end-to-end using Microsoft Power Automate and Blue Prism, saving the business 250 hours per week.
- Updated and made significant changes to existing automation processes using Blue Prism, thus improving the efficiency of every automation process updated.

### Supplementary Learning Leader (SL) and Teaching Assistant

Sep. 2022 – May 2024

*The University of British Columbia*

*Kelowna, British Columbia*

- Facilitated tutorial sessions, delivering instruction, and evaluating assignments for 60 students registered in my tutorial sections as a TA for the calculus class.
- Provided instruction and tutoring to about 50 students in Computer Science and Calculus as an SL Leader
- Students who attended 4 or more SL sessions had a 5% increase in their grade average compared to students who did not show up.

## PROJECTS

### Personal Portfolio Website | *JavaScript, React, NodeJS, Tailwind CSS, Git*

Jun 2024 – Present

- Developed a personal website containing my achievements and projects using React, JavaScript and NodeJS
- Applied best practices for web development, utilized Tailwind CSS for a uniform and user friendly website.

### Communicado - Event Ticketing Platform | *Python, Django, SQL, HTML/CSS, Docker*

Jan 2024 – Apr 2024

- Spearheaded the development of a Django-based web application, "Communicado," for event ticketing, adhering to the Scrum agile methodology
- Leveraged Django and MySQL for secure data storage and seamless backend operations, implementing unit and integration tests to ensure code quality and functionality
- Orchestrated the creation of a scalability-focused deployment pipeline utilizing CI/CD techniques

### TransitMate Ride Sharing App Prototype | *Java, XML, Google Maps API, Balsamiq*

Sep 2023-Dec 2023

- Led the creation of a high-fidelity vertical prototype, prioritizing Human Computer Interaction principles such as usability goals for a clean UI
- Designed and developed the vertical prototype on Java and XML in Android Studio
- Seamlessly integrated Google Maps API into TransitMate, ensuring robust real-time navigation features for an enhanced user experience

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, HTML/CSS, R, SQL, MIPS, React

**Developer Tools:** Git, Docker, Tableau, Google Cloud Platform, Android Studio, Microsoft SQL server, Unit Testing, UiPath, Firebase, Django,

**Agile Methodologies :** Scrum, Kanban

**Libraries:** Pandas, NumPy, Seaborn, Matplotlib

**RPA Technologies:** UiPath, Blue Prism, Microsoft Power Automate