

Niket Rathod

Passionate Software Developer

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github.com/nik3tr

PROJECTS

Insulin Pump Simulation

- Developed a simulation to monitor a patient's blood glucose levels and automatically adjust insulin delivery
- Coded in C++, utilized **Qt framework** for front-end UI
- Leveraged a deep understanding of the code base to **support team members** through **pair programming** and **code review**

Real-Time Messaging App

- Developed a web application providing real-time messaging through **WebSockets** using **Socket.io**
- Front-end UI created with **React**. Built with **JavaScript**
- Stored user data and messages with **PostgreSQL**
- Used **Express.js** to create routes for **REST API**

EXPERIENCE

World Travel Protection | Toronto, ON

Claims Administration Coordinator – Summer 2023 & 2024

- Processed **500+** claims per month, effectively **reducing company backlog**
- Collaborated with internal team and policy holders to expedite claim resolution
- Accurately entered and maintained claim data in **Excel** spreadsheets

EDUCATION

Carleton University | Ottawa, Ontario

September 2022 - Present

Bachelor of Computer Science

Aoyama Gakuin University | Tokyo, Japan

September 2024 - July 2025

Bachelor of Computer Science – Exchange Program

TECHNICAL SKILLS

JavaScript	C++
React	Git
PostgreSQL	HTML/CSS
Node.js	VS CODE

RELEVANT COURSEWORK

Intro to **Systems Programming**

Abstract **Data Types and Algorithms**

Intro to **Software Engineering**

Fundamentals of **Web Applications**

Object-Oriented Software Engineering