

Niket Rathod

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TECHNICAL SKILLS

Python, Javascript, C++, Java, React, HTML/CSS, Node.js, Express.js, WebSockets, Socket.io, PostgreSQL, DynamoDB, Git, Github Actions, Terraform, Cypress, REST APIs, Linux, Bash, AWS S3, AWS Lambda, AWS CloudFront, GCP BigQuery

PROJECTS

Personal Website | [niketrathod.com](#) | [github.com/nik3tR/niket-website](#)

- Built a personal site in **React** and deployed it using **AWS (S3 + CloudFront)** with **Cloudflare DNS**
- Implemented page-view analytics to track site engagement, powered by a **custom serverless REST API**
- Created **AWS Lambda** functions in Python with a **NoSQL DynamoDB** for **data persistence**
- Automated infrastructure with **Terraform**, enabling reproducible, version-controlled deployments
- Implemented **CI/CD pipeline** with **GitHub Actions** to **automate** building, testing, and deployment
- Created **Cypress end-to-end tests** validating **full-stack integration**

Real-Time Messaging App | [github.com/nik3tR/niket-messaging-app](#)

- Developed a **web app** providing **real-time** messaging through **WebSockets** using **Socket.io**
- Utilized **Prisma ORM** with **PostgreSQL** for type-safe database interactions
- Built a **React** frontend with a **Node.js** server and **Express.js** for **REST API endpoint routing**

Insulin Pump Simulation | [github.com/nik3tR/Insulin-Pump-Sim](#)

- Led a **team of 4**, developing an insulin pump simulation written in **C++** with **QT** frontend
- Utilized **software design patterns** to build an **extensible** and **maintainable** system
- Leveraged understanding of the code base to **support team members** through **pair programming**

EDUCATION

Carleton University | Ottawa, ON
B.S. in Computer Science

September 2022 - April 2027

Aoyama Gakuin University | Tokyo, JP
B.S. in Computer Science | Exchange Program
Extracurricular: English Tutor on Campus

September 2024 - August 2025

EXPERIENCE

Claims Administration Coordinator | World Travel Protection | Toronto, ON

May - Sept. 2023 & May - Sept. 2024

- Processed **500+ Insurance Claims** per month, effectively **reducing company backlog**
- Collaborated with **internal team** and **policy holders** to **expedite claim resolution**
- Entered and maintained claim information using **Microsoft Excel** with **99% accuracy**