

Amitoj Singh

📍 Halifax, Nova Scotia, Canada ✉ amitsinghchw@gmail.com ☎ (782) 882-3604 🌐 <https://www.linkedin.com/in/amitcodes/> 🖱 <https://developedbyamit.com/>

SUMMARY

Web developer with nearly 2 years of experience in building web apps, now pursuing a Full Stack Application Development program at NSCC, Halifax. Experienced in using JavaScript-based frameworks such as React, Node.js, and Loopback, as well as .NET Core/MVC. Seeking a web development role to apply and enhance these skills.

EXPERIENCE

Software Engineer

EdgeVerve

December 2021 – August 2022, Bengaluru, India

- Collaborated with the business development team to gather and analyze requirements and specifications related to various payment schemes, based on the Reserve Bank of India's common code specifications.
- Developed intermediate layers to facilitate the connection between banks and Infosys' Finacle Message Hub and Finacle Payment Engine for UPI and IMPS, using Node-RED and LoopBack in a complex architecture consisting of 10+ microservices.
- Implemented unit tests for the code using Mocha and Chai testing frameworks, and measured test coverage using Istanbul and nyc.

Software Engineer

Technocodz Group

September 2020 – August 2022, Mohali, India

- Worked with EdgeVerve as a contractor to implement banking solutions using the Node-RED framework.
- Developed GuniSMS, a SaaS-based application serving thousands of B2C customers in Australia. Used React, AntDesign, Node.js, MongoDB, and Bull queues to implement the code.
- Collaborated with a lead web designer to develop complex user interfaces for various projects.
- Worked with the development team to adopt new frameworks like React.js and Node.js, facilitating the transition to newer technologies.

PROJECTS

Finacle Payment Suit

EdgeVerve • December 2021 – August 2022

- Built an intermediate layer connecting banks with the Finacle Payment Suite for the UPI and IMPS payment schemes, using LoopBack 3, Node-RED, and RabbitMQ.
- Used Mocha and Chai for testing and GitLab CI/CD for version control, testing, and deployment.
- View project information at: <https://www.edgeverve.com/finacle/solutions/payments-suite/>

GuniSMS

Technocodz Group • September 2020 – November 2021

- Implemented new features in an existing project, including bulk SMS campaigns, SMS templates, contact groups, SMS scheduling, and credit/debit notifications.
- Integrated an API from a telecom company to enable sending and receiving of SMS messages.
- Used React.js, MobX, Ant Design, Express, Bull queue, Socket.io, AWS S3, and Zapier in the tech stack.
- View project at: <https://www.gunisms.com.au/>

EDUCATION

Full Stack Application Development (2022- InProgress)

NSCC, IT Campus • Halifax, NS • 2023

Bachelor of Computer Applications (2015 - 2019)

Punjab Technical University • Jalandhar, India • 2019 • 7.93 CGPA

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals

Microsoft • 2021

Microsoft Azure Fundamentals certified. Credly link: credly.com/badges/5ebf8dea-cb52-4714-a9c9-e265498390b.

SKILLS

FrontEnd: HTML, CSS, JavaScript, React and Ant Design

BackEnd: JavaScript, Node.js, Express and .NET Core

Database: SQL and MongoDB

Tooling: Entity Framework Core, Mongoose, Bull queue, RabbitMQ, AWS S3 and Twilio API