

# Soumya Purani

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## Education

**Dalhousie University** | Halifax, Canada

(Sep 2021-June 2025)

Bachelor of Applied Computer Science

Coursework: Software Development, Database Management, Web Design, Web Development, Version Control, Mobile Computing.

**Gujarat Technological University** | Gujarat, India

(June 2018-June 2021)

Diploma in Computer Engineering

Coursework: Data Structure, Java, OS, Software Engineering, Computer Networks, Python, C++, Algorithms.

## Technical Skills

**Languages:** Python, JAVA, C, C++, JavaScript, SQL, HTML5, CSS.

**Frameworks:** ReactJS, Django, NodeJS, ExpressJS, PHP, Bootstrap, Android development.

**Databases:** SQLite, MySQL, MongoDB, NoSQL, Oracle, Firebase, Neo4j, Graph Database, PostgreSQL.

**Tools:** Git, Docker, Eclipse, Postman, Code Block, Visual Studio, GCP, Figma, Jira, AWS, Supabase, Strapi CMS, MS Office 365.

**Software development methodologies:** Test Driven Development, Agile, SCRUM, Software Development LifeCycle.

## Work Experience

**Data Validation Associate | Symcor Inc., Halifax**

(Nov 2021-Present)

- Ensured data integrity by diligently keying and validating financial data on GBS application with 95% accuracy.
- Analyzed financial transactions to find potential gaps, frauds or issues and adjusted them to those who required special handling.
- Through my knowledge and efficiency, I achieved 100% client satisfaction rate for 3 years in a row.

**Software Developer Intern, BrainyBeams Technologies**

(Oct 2020-June 2021)

- Engineered a robust e-commerce platform, emphasizing intuitiveness and advanced features for online shopping.
- Utilized Django to design and implement a user-friendly interface, optimizing user registration, login, and password reset processes to elevate the overall user experience.
- Integrated a comprehensive product catalog, simplifying user navigation and enhancing the shopping experience, resulting in increased user satisfaction and higher conversion rates.
- **Tech Stack:** Python, Git, Jira, Django, SQLite.

## Projects

**Dalhousie Consulting Association Website**

- Led the full-stack development of a user-centric web application (ReactJS, NodeJS, PostgreSQL, Strapi CMS) to enhance student access to association resources.
- Implemented REST APIs for data retrieval and manipulation, ensuring efficient communication between front-end and back-end.
- Utilized Docker for containerization, standardizing development environments and mitigating Node.js version dependencies.
- Managed a development team using GitLab, resolving merge conflicts and ensuring project alignment with client objectives.
- **Relevant Skills:** React.js, Node.js, REST APIs, PostgreSQL, Docker, GitLab, Requirements Gathering.

**Dalhousie Chess Club Website**

- Engineered a comprehensive website update while integrating new features and resolving critical bugs.
- Developed a robust backend architecture utilizing NodeJS, ExpressJS, and MySQL for secure and efficient data management.
- Designed and implemented a custom admin panel, empowering clients with intuitive content management capabilities.
- **Relevant Skills:** React.js, Node.js, REST APIs, MySQL, Secure Coding Practices.

**Quick Cash (Android Application)**

- Developed an Android application (Java) facilitating efficient temporary job matching, applying advanced software development principles (design patterns, TDD, CI/CD).
- Integrated Firebase, Google APIs, and PayPal APIs for location tracking and in-app payments.
- **Relevant Skills:** Java, Firebase, Git, Jira, GCP.

**Beach Bluenoser (Tourism Platform)**

- Architected and deployed a tourism platform providing real-time information on Nova Scotia beaches.
- Optimized backend code, achieving a 50% performance improvement in loading times.
- Implemented real-time API data integration, map functionalities, and personalized user profiles.
- **Relevant Skills:** Java, Firebase, GCP, REST APIs.