

Shakib Hasan

St. John's, NL | (709)-219-9585 | Email | LinkedIn | GitHub | Portfolio

Education

Memorial University of Newfoundland

Bachelor of Science in Computer Science

- Grade Point Average: 3.77
- CS Cumulative Average: 84%

St. John's, NL

May 2021 – April 2026

Technical Skills

Languages: Java, Python, C, SQL (PostgreSQL), JavaScript, HTML/CSS

Frameworks: React, Node.js, Express.js

Developer Tools: Git, Visual Studio, PyCharm, Eclipse, Jupyter Notebook

Libraries: Pandas, NumPy, Matplotlib, Swing

Projects

Amazon Clone | React, JavaScript, HTML, CSS, Node.js, Firebase

Sept 2024 – Present

- Deployed a full-stack e-commerce application like amazon using React for front-end and Firebase for back-end.
- Integrated an interactive shopping basket using React Context API for state management.
- Implemented secure user registration and login functionality using Firebase Authentication.
- Used Material UI Icons for basket and search icons.
- Added Stripe Payment Gateway using REST API for processing secure online transactions.

SkyPredict | Python, Scikit-learn, Pandas, Matplotlib

Dec 2024

- Developed a machine learning model to predict next-day temperatures using historical weather data.
- Performed data cleaning and preprocessing to handle missing values and prepare the dataset for modeling.

Four Board Game (Academic Project) | Java, Swing, GitHub

Sept 2024 – Dec 2024

- Developed a board game using Java Swing for the GUI by collaborating with a team on GitHub.
- Followed agile practices, including iterative development and reviews, to enhance functionality incrementally.
- Conducted unit testing using JUnit to validate game logic, achieving 100% test coverage for critical components.
- Incorporated object-oriented programming principles to ensure modular, reusable, and maintainable code.

Task Manager | PERN Stack (PostgreSQL, Express.js, React, Node.js)

June 2024

- Developed a full-stack application using the PERN stack for task creation, updates, and deletion.
- Implemented a PostgreSQL database to store task information securely and efficiently.
- Built RESTful APIs with Express.js and Node.js to handle CRUD operations for tasks.

Experience

Assistant Manager

St. John's, NL

Esso

Sept 2023 – Present

- lead and support a diverse team, developing a positive environment centered on teamwork and mutual respect.
- Utilized SharePoint to organize and maintain operational documents, training materials, and shift schedules.

Cashier

St. John's, NL

Circle-K

Aug 2022 – Sept 2023

- Collaborated with team members to ensure efficient store operations and deliver excellent customer service.

Hackathons

Econext (Sept 2024): Developed a solution to tackle NL's greenery issues caused by excess methane waste.

Econext (Sept 2023): Proposed smart energy systems to reduce peak-time electricity usage in NL.

Certifications

AWS Certified Cloud Practitioner Certification Course (CLF-C02)

Professional Skills Development Program

Ongoing

Dec 2024