

Bhavik Rai

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■ Summary

Full-Stack Developer passionate about building scalable web applications and solving algorithmic challenges. Skilled in designing efficient solutions with modern web technologies and experienced in both frontend and backend development. Strong foundation in computer science concepts like data structures, algorithms, and databases.

■ ■ Technical Skills

Languages:	JavaScript, Java, C, SQL
Frontend:	React, Tailwind CSS, HTML, CSS
Backend:	Node.js, Express.js, Flask
Databases:	MongoDB, MySQL
Tools & Platforms:	Git, GitHub, VS Code, REST APIs, EmailJS, yFinance, scikit-learn, TA-Lib
Other Areas:	Data Structures & Algorithms, Numerical Analysis, Operating Systems, DBMS

■ Projects

■ Q-Swap (Queue Holding & Earning Platform) – MERN Stack

Developed a platform where users can book helpers to hold places in queues at hospitals, banks, or government offices. Implemented role-based access for helpers and customers. Tech Used: React, Node.js, Express, MongoDB

■ Stock Price Prediction Web App – Flask + ML

Built a predictive model for stock prices using yFinance API, scikit-learn, and TA-Lib. Designed an interactive frontend with HTML/CSS/JavaScript to display live predictions. Tech Used: Flask, Python, Machine Learning, TA-Lib

■ Real Estate Website with Authentication

Created a property listing platform with secure user authentication. Users can view, search, and manage real estate listings. Tech Used: React, Node.js, MongoDB

■ Personal Portfolio Website

Designed a responsive personal website with TailwindCSS. Includes sections like About, Projects, Skills, and Contact with EmailJS integration.

■ Education

Bachelor's Degree in Computer Science (Ongoing)
St Joseph Engineering College (SJEC), Mangaluru
■ <https://www.sjec.ac.in>

■ Achievements

- Solved multiple algorithmic challenges on platforms like LeetCode/HackerRank.
- Built multiple projects combining frontend, backend, and machine learning.
- Strong understanding of normalization, functional dependencies, and query optimization in DBMS.