RUSHBAHKUMAR JAIN

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OBJECTIVE

Detail-oriented and motivated engineering professional seeking an entry-level role to apply analytical, problem-solving, and coding skills while contributing to organizational growth and continuous learning.

EDUCATION

Bachelor of Technology in Computer Engineering, Pillai College of Engineering   2021 - 2025
CGPA : 9.5

SKILLS

Programming Languages	Java, C++, Data Structures and Algorithm(DSA)
Web Development	HTML, CSS, JavaScript, MERN(MongoDB, Express, Node, React) Stack
Databases	MYSQL, MongoDB, PostgreSQL
Data Analytics	Python, SQL, Data Cleaning and Preparation, Machine Learning, PowerBI
Version Control	Git, GitHub
Soft Skills	Time management, Teamwork, Problem Solving, Communication, Leadership

EXPERIENCE

Software Developer Intern   Dec 2024 – May 2025
HashedBit Innovations   *Remote*

- Developed a full-stack job portal using MERN stack, improving platform efficiency by 30%.
- Implemented **JWT authentication** and **RBAC**, enhancing user data security by **40%**.
- Improved **UI responsiveness** and user experience using **React.js** and **Bootstrap**.

Data Analyst Intern   Mar 2024 - Apr 2024
CoTeach   *Remote*

- Performed data validation, cleanup, and optimization of SQL queries, improving dataset accuracy and processing efficiency.
- Enhanced data visualization and management using advanced BI tools, enabling more informed decision-making.

PROJECTS

Handsfree Mouse using Mediapipe. Developed a hands-free mouse control system using Mediapipe, enabling cursor movement and operations through facial landmarks and gestures. Implemented real-time facial recognition for click, scroll, and speech-to-text actions, enhancing user interaction without physical input devices. (Check it out)

MEW - Men's Ethinic Wear Developed MEW, a men's ethnic wear e-commerce platform featuring user authentication, product catalog browsing, shopping cart, and secure payment integration. Built an admin panel for product management, order tracking, and user oversight, using ReactJS, NodeJS, ExpressJS, and MongoDB i.e. using MERN stack.(Try it here)

Stock Market Prediction System This project is a web application for viewing stock indices, serving as a foundation for advanced stock market prediction tools. Developed using HTML, Bootstrap, Flask, JavaScript, and Python, it offers a simple yet functional interface for stock data analysis.(Check it out)

PUBLICATIONS

- *"Hands Free Mouse Using Facial Expression for Physically Disabled People"*, IEEE ICSADL 2025 — DOI: 10.1109/ICSADL65848.2025.10933200 .

ACHIEVEMENTS

- Solved **300+ problems** on LeetCode, ranked **top 34% globally**.
- Earned **5 in Java** and **4 in C++** on HackerRank.

CERTIFICATION COURSES

- Career Essentials in Data Analysis by Microsoft and LinkedIn.
- Data Analysis Using Python by IBM Developer Skills Network.
- Data Analytics and Visualization Job Simulation by Accenture on Forage.
- ReactJs Fundamentals by TATA Neuskills.
- Web Development Fundamentals by IBM Developer Skills Network