SHIVANK SHARMA

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OBJECTIVE

Motivated and detail-oriented Computer Science student with a solid foundation in full stack development, data structures, and backend systems. Proficient in Python, Java, HTML, CSS, JavaScript, SQL, and MongoDB, with hands-on experience in developing web applications using the MERN stack. Eager to leverage technical skills and a passion for problem-solving in a dynamic and growth-oriented IT services or consulting role. Actively seeking opportunities to contribute to real-world projects and continue learning in a collaborative environment.

TECHNICAL SKILLS

Programming Languages: Java , Python, C, JavaScript.
Web Development: HTML, CSS, Javascript, React.
Developer Tools & APIs:Visual Studio Code, MySQL Workbench, Postman, Hoppscoth, AWS.
Familiar With: Java, SQL.
Version Control : Git , GitHub.
Soft Skills: Adaptability, Communication, Problem-Solving, Team Player.
Other Skills: Data Structures and Algorithms, Analysis and Design of Algorithms, DBMS, Object Oriented Programming Concepts.

PROJECTS

Project: Wave – Smart Home Automation System
• Developed a cost-effective smart automation solution using Raspberry Pi, Node-RED, Firebase, and Zigbee protocols.
• Implemented real-time control of connected devices through both web and mobile interfaces.
• Focused on retrofitting existing home appliances to minimize cost and maximize accessibility for middle-class households.
• Received college funding and recognition for innovation and practical impact in IoT-based home automation**.**

Project: Zerodha Clone – Stock Trading Platform
• Recreated the user interface of Zerodha using HTML, CSS, JavaScript, and React.js, closely mimicking real-world stock trading features.
• Designed a responsive, user-friendly layout with Figma, implementing components like homepage, login/signup, pricing, and dashboard.
• Deployed the project on AWS for high availability and public access, utilizing AWS services like EC2/S3 (as applicable).
• Demonstrated attention to detail, frontend optimization, and an understanding of FinTech application design principles.

Project: Weather Forecast Web App
• Created a responsive weather application using HTML, CSS, and JavaScript with OpenWeatherMap's free API.
• Integrated a search functionality that allows users to input a city name and retrieve real-time weather data.
• Display includes temperature, weather condition, humidity, and wind speed dynamically using API data.
• Utilized asynchronous JavaScript (Fetch API) for seamless data retrieval and user interaction.
• Designed a clean and user-friendly UI to enhance the user experience across devices.

EDUCATION

Bangalore Institute of Technology , Bangalore   2023- Present
Bachelor of Engineering (Computer Science & Engineering)

- CGPA: 9.18

St.Paul School , Begusarai   2021 - 2023
Higher Secondary Education (CBSE Board)

- Percentage: 86

St. Joseph Public School,Begusarai   2020 - 2021
Secondary Education (ICSE Board)

- Percentage: 91

ADDITIONAL DETAILS

Strength:- Result Oriented ,Team & individual Player, Flexible & Adaptable, Effective Communicator, Quick Learner
Hobbies:- Listening Music , Travelling , Playing Football.
Awards/Activities:- Winner – Two National Level Hackathons (2024 & 2025)
Recognized for building innovative, real-world tech solutions under competitive environments.