SHIVAM RAJ

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Education

National Institute Of Technology, Manipur	**2022 – Present**
*Bachelor of Technology in Computer Science and Engineering	9.05 CGPA*	*Imphal, Manipur*

Resonance International School	**2020 – 2021**
*Higher Secondary Education	82.8%*	*Muzaffarpur, Bihar*

Anand Prep Public School	**2018 – 2019**
*Matriculation	92.8%*	*Muzaffarpur, Bihar*

Experience

ClanX 🔗 **Oct 2023 – Dec 2023**
Data Science Intern *Remote*

- Utilized Python extensively to clean, and analyze large datasets, enabling data-driven decision-making such as shortlisting resumes.
- Created clear visualizations using Pandas and MongoDB to convey 50% more effective data insights.
- Collaborated with teams to embed solutions into business operations, boosting efficiency.
- Developed machine learning models to identify trends and patterns in data, driving strategic improvements in business processes.

Projects

Charging-Stations-App 🔗 | *Vue, Node.js, Express.js, MongoDB* | ⊙ **May 2025**

- Developed a full-stack EV Charging Stations Locator web application using Vue.js, Node.js, and MongoDB.
- Created a responsive and dynamic frontend with Vue.js to display real-time station data and details.
- Implemented secure JWT-based authentication, admin-only controls, and integrated GeoJSON with MapTiler for map visualization.
- Deployed the application with Vercel (frontend) and Render (backend) for production-ready performance.

GitHub-Campus-Experts-Unilag | *Node.js, TypeScript, React.js, vite* | ⊙ **October 2024**

- Created a PR/MR to add functionality to the authentication page of the Unilag project.
- Adds jwt-debugger for authentication.
- Refactors the authentication logic to support OAuth-based sign-in.
- This feature improves the user experience by offering alternative login options (Google and GitHub OAuth).
- It allows users to authenticate using their existing Google or GitHub accounts.

Technical Skills

Programming Languages: C++, Java, Python, JavaScript
Developer Tools: VS Code, IntelliJ, Pandas, Postman
Technologies/Frameworks: Data Structures and Algorithms, DBMS, MongoDB, MySQL,Express.js, Node.js, Data Science, GitHub, MS Excel
Interpersonal Skills: Communication Skills, Problem-Solving, Time-Management

Certifications

- Data Structures and Algorithms using C and C++ | UDEMY | 🔗
- Node.js Full Stack Developer Diploma | StudySection | 🔗

Achievements

- Solved 400+ LeetCode question with a contest rating of 1800+. (LeetCode Profile)
- Secured 1st rank in college in the AI quiz contest conducted by KIMO AI
- Secured a top 5 positions with my team in the Intra-college hackathon to participate in SIH 2024