

Vinay Rajput

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Education

J.C. Bose University of Science and Technology, Master of Computer Applications Aug 2023 – June 2025

- CGPA: 8/10
- **Coursework:** Operating System, Computer Networks, Object Oriented programming, Database Management System

Maharshi Dayanand University, Bachelor of Computer Applications June 2020 – July 2023

- **Division:** 1st
- **Coursework:** Introduction to C, Programming with C++, Java, Data Structure and Algorithms

Experience

Full Stack Developer Intern, EduAI - Gurugram Jan 2025 – June 2025

- Developed and deployed full-stack web applications using **React.js** for the frontend and **Flask** for the backend, ensuring scalable and maintainable architecture.
- Built and integrated dynamic UI components using React.js and Tailwind CSS for forms, charts, and data tables.
- Implemented RESTful APIs in **Flask**, connected with **MongoDB** and integrated them with React using **Axios** enabling real-time data flow and reducing load times.

Full Stack Developer Intern, AventIQ - New Delhi April 2025 – July 2025

- Built and customized 10+ reusable and interactive UI components in React.js to display application data with status-based conditional views, improving user experience and interface consistency across the platform.
- Integrated 6+ RESTful APIs to fetch, update, and filter candidate data in real-time across multiple application stages, resulting in a 30% improvement in tracking efficiency and user workflow accuracy.
- Implemented scalable serverless backend functions using AWS Lambda to handle business logic and data processing, significantly reducing API response time and minimizing traditional server overhead.

Projects

Orchestrate.aventiq.ai App Link

- Built a real-time industrial web app using React, Node, AWS and MongoDB.
- Designed a mobile-friendly UI using React and Tailwind CSS.
- Developed over 25+ RESTful APIs for user authentication, idea and process Management, Automation maintenance and user request handling.
- Managed data using MongoDB, designing 8+ schema models including users, ideas, processes, and dashboards.

Skills & Technologies

Programming Languages: Java, Python, JavaScript, HTML5, CSS3

Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS

Database & ORM/ODM: MongoDB, Mongoose (ODM)

Tools: Git, GitHub, Postman, AWS Services, MongoDB Atlas/Compass,

Soft Skills: Communication Skills, Problem-Solving, Team Collaboration, Time Management

Certifications

The Joy Computing Using Python (NPTEL): IIT Roorkee.

July 2024