Suman Kumar

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in Suman Suman793103 Coding Profile

Career Objective

Motivated and detail-oriented software developer currently pursuing a Master of Computer Applications, with strong proficiency in Java, C++, JavaScript, and full-stack web development. Experienced in designing and implementing scalable applications, including real-time systems and backend solutions, using technologies like Express.js, MongoDB, and Next.js. Eager to contribute to innovative development teams where I can apply my technical skills, hands-on project experience, and problem-solving mindset to build efficient, user-centric software solutions.

Education

Vellore Institute of Technology, Bhopal   2024-2026
Master of Computer Applications. (CGPA: 9.15 / 10.00)   *Bhopal, Madhya Pradesh*

Purnea College   2019-2022
Bachelor of Computer Applications. (Percentage: 76.18)   *Purnea, Bihar*

Projects

Library Management System *(Academic Project)*   C++, MySQL
- Developed a Library Management System using C++ and MySQL for managing books, users, and transactions.
- Integrated MySQL Connector for real-time data operations in a secure, menu-driven application.
- Implemented error handling and data validation to enhance robustness.
- **Technologies:** C++, MySQL

Swapify – Second-Hand Marketplace
- Led frontend development of a full-stack marketplace for location-based second-hand item listings.
- Built responsive UI using React.js, Next.js, and Tailwind CSS; integrated real-time chat.
- Collaborated with backend team and deployed the project on DigitalOcean.
- **Technologies:** React.js, Next.js, Tailwind CSS, Express.js, MongoDB.

Technical Skills

Languages: Java, C++, HTML, CSS, JavaScript
Frameworks & Tools: Node, Express.js, Postman, Node.js
Database: MySQL, MongoDB
Cloud Platforms: AWS (EC2, S3, VPC, IAM etc., Docker)
Developer Tools: Git, VS Code, GitHub, Google Colab
Core Knowledge: Operating Systems, Networking, Data Structures, Algorithms, Cloud Concepts, Cost Management

Achievements & Certifications

Academic Excellence   *Academics*
- Maintained a CGPA of 9+ throughout academics.

Competitive Programming   *LeetCode*
- Achieved 85% acceptance rate on LeetCode.

Leadership   *College Fest*
- Served as Event Head, managing planning and execution of college fest activities.