

Vasu Vashishtha

Full Stack Developer

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Full Stack Engineer with 3+ years of experience building scalable MERN stack applications (MongoDB, Express, React, Node.js). Experienced in developing high-performance REST APIs, optimizing frontend performance, and working with high-traffic, data-sensitive systems. Integrated Generative AI to automate workflows and reduce manual effort.

EDUCATION

Chandigarh University, ODL

Masters of Computer Applications (Percentage - 71)

Mohali, PB

June 2023 – May 2025

Chaudhary Charan Singh University

Bachelor of Computer Applications (Percentage - 70)

Meerut, UP

2021-2022

The Doon Valley Public School

12th CBSE (Percentage - 71)

Saharanpur, UP

2019

EXPERIENCE

Nuform Social Pvt. Ltd.

Software Engineer

Jun 2023 – Present

Greater Noida, UP

- Led end-to-end development of the **CCS University Web Portal**, serving students, faculty, and administrators as part of the university's digital transformation.
- Architected and implemented a **Research Paper Submission System** using **Node.js, Express, MongoDB**, enabling secure upload, storage, and review of large academic documents.
- Developed an **Exam Control & University Administration Dashboard**, replacing manual Excel-based workflows with **MongoDB/MySQL**, managing **thousands of student and examination records**.
- Designed and maintained **scalable RESTful APIs** supporting both **web and mobile platforms**, ensuring **99.9% uptime** during peak admission and exam cycles.
- Implemented **Role-Based Access Control (RBAC)** using **JWT and Bcrypt** to secure sensitive data across **University Portal, Alumni, Convocation, and Admin modules**.
- Collaborated directly with **university stakeholders and cross-functional teams** to gather requirements, translate business needs into technical solutions, and deliver **production-ready features within strict academic timelines**.

TECHNICAL SKILLS

Frontend: React.js, JavaScript (ES6+), HTML5, CSS3, Redux Toolkit, Tailwind CSS, Responsive UI Design

Backend: Node.js, Express.js, RESTful API Development, JWT Authentication

Databases: MongoDB (Aggregations), MySQL, TiDB Cloud

AI & GenAI: Google Gemini API, LLM Integration, Prompt Engineering, Text-to-SQL

Tools & Platforms: Git, GitHub, Postman, Vercel, Render

Performance & Security: API Rate Limiting, Authentication & Authorization

ACHIEVEMENTS

- Recognized with Standing Ovation Award and monetary bonus for ensuring seamless deployment of a high-priority project.
- Pinnacle Performer of the Quarter recognized for consistent on-time problem-solving and dependable client support.