

# 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

<b>Chandigarh University, ODL</b>	Mohali, PB
Masters of Computer Applications (Percentage - 71)	June 2023 – May 2025
<b>Chaudhary Charan Singh University</b>	Meerut, UP
Bachelor of Computer Applications (Percentage - 70)	2021-2022
<b>The Doon Valley Public School</b>	Saharanpur, UP
12th CBSE (Percentage - 71)	2019

## EXPERIENCE

<b>Nuform Social Pvt. Ltd.</b>	Jun 2023 – Present
Software Engineer	Greater Noida, UP
<ul style="list-style-type: none"><li>Led end-to-end development of the <b>CCS University Web Portal</b>, serving students, faculty, and administrators as part of the university's digital transformation.</li></ul>	
<ul style="list-style-type: none"><li>Architected and implemented a <b>Research Paper Submission System</b> using <b>Node.js, Express, MongoDB</b>, enabling secure upload, storage, and review of large academic documents.</li></ul>	
<ul style="list-style-type: none"><li>Developed an <b>Exam Control &amp; University Administration Dashboard</b>, replacing manual Excel-based workflows with <b>MongoDB/MySQL</b>, managing <b>thousands of student and examination records</b>.</li></ul>	
<ul style="list-style-type: none"><li>Designed and maintained <b>scalable RESTful APIs</b> supporting both <b>web and mobile platforms</b>, ensuring <b>99.9% uptime</b> during peak admission and exam cycles.</li></ul>	
<ul style="list-style-type: none"><li>Implemented <b>Role-Based Access Control (RBAC)</b> using <b>JWT and Bcrypt</b> to secure sensitive data across <b>University Portal, Alumni, Convocation, and Admin modules</b>.</li></ul>	
<ul style="list-style-type: none"><li>Collaborated directly with <b>university stakeholders and cross-functional teams</b> to gather requirements, translate business needs into technical solutions, and deliver <b>production-ready features within strict academic timelines</b>.</li></ul>	

## 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.