Tannu Verma

vermataashi@gmail.com | +91 7505567233 | LinkedIn | GITHUB

Noida, India | Official Website

PROFESSIONAL SUMMARY

- **Software Developer** with hands-on experience in building scalable web applications using **MERN stack (MongoDB, Express.js, React.js, Node.js)** and **Python FastAPI**. Skilled in designing RESTful APIs, database modeling, and developing secure, high-performance applications..

WORK EXPERIENCES

Software Developer: Fourbrick Technology | Jun 2025 – Present

- Developed and integrated **RESTful APIs** using **FastAPI** and **MongoDB** for scalable backend systems.
- Built interactive frontend features with **React.js** and **Redux Toolkit**, improving user experience.
- Designed and implemented **secure authentication** and **authorization workflows** with JWT.

Full Stack Developer Intern: SO Infotech | Oct 2025 – Mar 2025

- Worked on developing and maintaining backend APIs using Node.js and Express.js.
- Worked with **MongoDB** for database design, schema modeling, and CRUD operations.
- Built responsive **React.js** frontend components integrated with backend APIs for dynamic data rendering.

PROJECTS

Cookmypapers Tools | Jan 2025 – Mar 2025

- Built collection of tech tools and enhanced authentication protocols by implementing JWT-based authentication, OAuth, strengthening application security and reducing vulnerabilities by 40%.
- Designed and implemented RESTful APIs, decreasing server response times by 42% and improving web application performance; resulting in 30% higher throughput and user-perceived performance.

Taxi Booking Application | Oct 2024 – Dec 2024

- Crafted Driver & Ride Management System by implementing real-time driver tracking, automated ride allocation, and customer notifications, improving booking efficiency rates by 35%.
- **Optimized App Performance and Scalability** by designing high-efficiency APIs, accelerating ride data retrieval, reducing latency by 45%, ensuring a seamless booking and tracking.

Learning Management System | Aug 2024 – Oct 2024

- Established and refined a scalable Learning Management System (LMS) using the MERN stack with Socket.IO, improving system performance and student performance tracking by 53%.
- Developed an AI-powered recommendation engine to personalize relevant course suggestions based on user behavior and test results, increasing course completion rates by 35%.

SKILLS

- **Languages:** JavaScript, TypeScript, Python
- **Frontend:** React.js, Tailwind CSS, Bootstrap, HTML, CSS, Redux Toolkit
- **Backend:** Node.js, Express.js, Fast API, REST APIs, Socket.IO, JWT
- **Databases:** MongoDB
- **Tools/DevOps:** AWS, Git, Postman, GitHub, Linux

EDUCATION

Dr. APJ Abdul Kalam Technical University, Lucknow | Oct 2020 – Jul 2024

- Bachelor of Technology in Computer Science, **CGPA**: 7.58

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PROFESSIONAL SUMMARY

Relevant Coursework: Data Structures, OS, DBMS, CN, AI, ML