

RAKESH KR. VERMA

Full Stack Developer | AI & Backend Enthusiast

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[LinkedIn](#) | [GitHub](#)

Professional Summary

Motivated Full Stack Developer with hands-on experience in building FAST APIs, responsive web applications, and AI-integrated systems. Skilled in backend development, database management, API integration, and modern frontend technologies. Experienced in developing AI-based healthcare and document intelligence solutions using RAG pipelines, LLM APIs, and local AI deployment tools.

Technical Skills

- **Frontend:** HTML5, CSS3, JavaScript, React.js, Next.js, Tailwind CSS, TypeScript, Responsive Design
- **Backend:** Node.js, Express.js, FastAPI, Python, MongoDB, SQLite, MySQL
- **AI & ML:** LLM APIs, RAG Pipelines, ChromaDB, Ollama, Groq API, Med Gemma, Gradio
- **DevOps & Tools:** Git, GitHub, Docker, AWS Basics, CI/CD, Vercel
- **Testing:** Unit Testing, API Testing
- **Other:** System Design, REST APIs, Database Design

Experience & Internships

Engineering Intern

366PI Technologies | Apr 2026 – May 2026

- Developed a local AI Knowledge Assistant using RAG pipelines and local LLMs for document-based question answering without cloud dependency.
- Built an AI-powered Medical Prescription & Transcription Extractor using FastAPI and Med Gemma for healthcare digitization.
- Worked on backend APIs, data processing pipelines, and AI model integration.

Full Stack Web Development Intern

CIT – The Hub of IT | Dec 2025 – Jan 2026

- Developed a secure Voter E-Voting System using PHP, MySQL Lite, CSS, and JavaScript.
- Implemented authentication, vote encryption, duplicate-vote prevention, and secure result management.

Java Programming Trainee

Life-Tech Software | Nov 2025

- Built a College ID Verification System using Java, JDBC, MySQL, and JavaFX.
- Designed a secure student identity verification workflow with database integration.

Education

Bachelor of Computer Applications (BCA)

Ranchi University | 2022 – 2025

CGPA: 7.5

Certifications & Achievements

- AWS – Solutions Architecture Job Simulation
- Tata – Cybersecurity Analyst Job Simulation
- Deloitte Australia – Data Analytics Job Simulation
- AI-Driven Full Stack Development by SCS