Sandeep Rajput

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- LinkedIn | Portfolio

OBJECTIVE

A motivated and detail-oriented professional seeking an opportunity to apply my technical and analytical skills while continuously learning and contributing to organizational growth.

SKILLS AND INTERESTS

Programming Languages:	C++, Python, JavaScript
Frontend Technologies:	HTML5, CSS3, Bootstrap
Frameworks & Libraries:	Node.js, Express.js, React.js
Database:	SQL, MongoDB
UI/UX Design:	Figma
Version Control System:	Git, GitHub
Soft Skills:	Critical thinking, Data-driven decision making, Project ownership

Education

Amity University, Noida	Apr 2024 - Present
Master of Computer Application (MCA)	CGPA: 8.18
HLM Group of Institution, Ghaziabad	Jul 2021 – Apr 2024
Bachelor of Computer Application (BCA)	Percentage: 60%

Experience

MERN Stack Intern - Tech Saga Corporation (*on-Site*) *Jan 2025 – Jun 2025*

- Built Developed over 5 Full-Stack modules using the MERN stack, adhering to component-based and RESTful architecture Principles.
- Created **20+** reusable React components, enhancing UI consistency and reducing development time by 30**%.**
- Tested and Debugged backend services, achieving **99%** API response accuracy using Postman.
- Reduced frontend UI bugs by **25%** through responsive design and cross-browser testing.
- Collaborated within an Agile team, utilizing Git for version control and supporting sprint-based delivery.

PROJECTS

Ace Ai – AI Powered Saas Platform | GitHub
Tech Stack: React, Node.js, Express, PostgreSQL (Neon), Clerk, Gemini API, OpenAI API
- Built a full-stack AI SaaS application serving 5+ AI tools (article writing, blog titles, image generation, resume review, background/object removal).
- Designed and secured 10+ REST APIs with role-based authentication using Clerk, protecting 100% of AI endpoints.
- Implemented free vs premium subscription logic, enforcing 10 free AI requests/user with automated usage tracking.
- Integrated Gemini AI for content generation, reducing manual writing effort by ~70%.
- Designed a PostgreSQL schema (Neon) storing 100% of user prompts & AI outputs for audit and history.
- Improved API response consistency by **30%** using centralized controllers and middleware.
- Built a **scalable Express architecture** capable of supporting **1,000+ concurrent users**.
- Created a responsive React UI with **7+ feature pages**, improving user engagement and navigation flow.

End-to-End Authentication System (JWT + RABC) | GitHub
Tech Stack: React, Node.js, Express, MongoDB, Mongoose, JWT
- Built a secure authentication system using JWT, refresh token rotation, and role-based access control (RBAC) to protect APIs and frontend routes.
- Implemented middleware-based authorization for 12+ routes, effectively preventing unauthorized access and token misuse.
- Integrated **protected React routes** and session handling to ensure secure user access and improved application reliability.

CERTIFICATIONS

- **Ducat IT Training School** (Python Full Stack Certificate)
- **Accenture** (Developer Virtual Experience Program)