MONU YADAV
Software Engineer

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Summary

Software Engineer (Fresher) with hands-on experience in React.js, FastAPI, and Python, skilled in building RESTful APIs, full-stack web applications, and AI-integrated systems. Strong foundation in frontend development, backend services, and database management, with real-world project experience using LLMs and modern web technologies.

Skills

Programming & Scripting: Python, JavaScript
Frontend & Backend Technologies: HTML, CSS, React.js, FastAPI, Node.js
Databases & APIs: MySQL, MongoDB, SQLite, RESTful APIs, CRUD Operations
AI/LLM: LangChain, LLM, Prompt Engineering

Training—Vector India Institute Hyderabad

Full-stack web Development   July 2025 – Present

- Trained in HTML, CSS, JavaScript, React.js, Python, FastAPI, and RESTful APIs
- Worked with MySQL, MongoDB, Git, and GitHub
- Built full-stack projects with CRUD operations

Projects

AI-Powered CRM Interaction Logger | *Link*
- Built a full-stack CRM application to log doctor–sales interactions.
- Developed backend REST APIs using **FastAPI** for storing and retrieving interaction data.
- Integrated **Groq LLM using LangChain** to auto-generate interaction summaries and sentiment.
- Created responsive frontend UI using React.js
- Implemented secure API key handling using environment variables.

Responsive Calculator Project | *Link*
- Developed a responsive calculator with real-time arithmetic operations.
- Implemented a clean, **user-friendly UI optimized** for different screen sizes.
- Used JavaScript event handling and DOM manipulation to perform dynamic calculations.

Student Management System | *React.js, JavaScript, HTML, CSS*
- Built a component-based UI using React.
- Implemented CRUD operations using state and props.
- Used React hooks for managing application state.
- Created responsive layouts for better user experience.

Education

B-Tech in Computer Science   **Graduate: 2021 - 25**
NRI Group of Institute Bhopal (M.P)   7.60 :CGPA

Intermediate (PCM)   **Passout: 2020**
SBS Inter Colleage Jaunpur (U.P)   64 :Percentage

High School   **Passout: 2018**
SBS Inter Colleage Jaunpur (U.P)   64 :Percentage