

# 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:** 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 Customer Relationship Management 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.

#### Password Generator Web App | [Link](#)

- Developed a responsive password generator application using React.js
- Implemented logic to generate **secure random passwords** based on user preferences (length, character types).
- Designed and styled UI for seamless user interaction and dynamic clipboard copy functionality..
- Utilized React state management and event handling for real-time updates.
- Configured project build and development tooling with Vite for fast module bundling.

### Education

#### B-Tech in Computer Science

NRI Group of Institute Bhopal (M.P)

**Graduate: 2021 - 25**

7.60 :CGPA

#### Intermediate (PCM)

SBS Inter Colleage Jaunpur (U.P)

**Passout: 2020**

64 :Percentage

#### High School

SBS Inter Colleage Jaunpur (U.P)

**Passout: 2018**

64 :Percentage