PRASHANT KUMAR

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PROFESSIONAL SUMMARY

Experienced Python Web Developer with a strong background in AI-enabled content creation. Adept at building robust web applications and integrating machine learning models to enhance user experience and functionality. Proficient in full-stack development, with expertise in both frontend and backend technologies. Demonstrates excellent problem-solving skills, effective communication, and the ability to work independently or in a team. Seeking to leverage technical skills and AI knowledge in a challenging development role.

SKILLS

Programming Languages: Python, JavaScript, **SQL**

Frameworks & Libraries: Django, Flask, **React.js**, RESTful APIs

Databases: MySQL, PostgreSQL, SQLite

Developer Tools: GitHub, Docker, Jenkins, VS Code, Jupyter Notebook

Soft Skills: Problem-solving, Team Collaboration, Effective Communication, Agile Methodologies

EXPERIENCE

Junior Python Developer   **Sep 2024 - May 2025**
Eptain   *Noida*

- Involved in the development of web applications using Python and Django.
- Supported the integration of AI functionalities, including chatbots and image recognition features.
- Added unit test case to ensure code quality and reliability.
- Collaborated with cross-functional teams to define requirements and deliver technical solutions.
- Maintained project documentation and provided technical support to end-users.

PROJECTS

Trip Recommendation Platform | *React.Js, Firebase, Google Gemini API*
- Engineered an AI-driven web application for personalized trip planning.
- Implemented Google OAuth for secure authentication.
- Leveraged Google Gemini API to generate AI-driven itineraries.
- Streamlined trip planning for up to 20 users, improving itinerary travel satisfaction.

Real-Time Chatbot Application | *Python, Flask, NLTK, SQLite*
- Developed a conversational AI interface using NLP techniques with 85% query resolution accuracy.
- Integrated sentiment analysis to adapt responses based on user emotion detection.
- Implemented context-aware conversation tracking for multi-turn dialogues.
- Optimized response time to under 2 seconds through efficient text processing algorithms.

CERTIFICATIONS & ACHIEVEMENTS

- **Python Full Stack Certification** at Croma (Noida)
- **WIEHack Hackathon:** Awarded top prize for successfully developing innovative project solutions, leading all technical development.
- **Oracle Database Workshop** (DUCAT Pvt. Ltd.)
- **Cyber Security Awareness Program** at I.T.S Engineering College (Aptron Solution Pvt. Ltd.)

EDUCATION

B.Tech in Computer Science & Engineering — 72%   **2020-2024**
I.T.S Engineering College Gr. Noida   *AKTU*