SAUMITRA SARAN

Backend Developer | Database Management System Expert | Python Specialist

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Summary

Software development professional with 3 years of experience in backend development and database management, expert in Python and SQL. Key achievements include developing a fully AI-driven education chatbot with increased student engagement and founding Alumnate, an alumni-networking initiative, increasing organizational engagement by 25% through skill-based events for 200 members. Seeking a Software Developer position, where my backend development and database management skills will support the employer's mission of improving business operations with intelligence and AI-driven solutions.

Education

Birla Institute of Technology and Sciences, Pilani   09/2025 - 09/2028
B.Sc. Computer Science

Skills

Soft Skills: Leadership · Teamwork · Communication · Marketing · Creativity · Problem-Solving · Design Thinking

Tools/Technologies: GitHub · Docker · IBM Cloud · Azure · Railway · Meta API · Twilio · Blockchain · Flask · MongoDB

Languages: Python · Java · C++ · C · Kotlin · MySQL · SQL · R · HTML · CSS · JavaScript · Dart

Work Experience

MindvsYou AI   Lucknow, India
Backend Developer   09/2025 - Present

- Developed, tested and controlled production an AI-driven education chatbot which helps in revision of important topics and questions.
- Designed the backend in Python with Flask, Twilio, Reportlab and ChatGPT API.
- Completed a fully functional database in MySQL and SQLite and deployed the app using Cloudflare tunnel.

Alumnate   Lucknow, India
Technology and Programming Instructor   06/2025 - 07/2025

- Trained 15 students to develop a Mood-Detector AI, enhancing coding skills and boosting technical knowledge by mentoring.
- Improved technical understanding of 15 students by guiding them through reverse-engineering of a PC and teaching basic robotics concepts.

DataAnnotation   Remote
Freelance Developer   06/2025 - 09/2025

- Successfully accelerated growth in 3 paid programming projects, resulting in client satisfaction.
- Prioritized and improved software efficiency by 15% by translating 3 no-code programs into Java and Python.

Projects

WIFEY - The Voice Assistant   04/2023 - 11/2024

WIFEY : Wireless Integrated Forum Especially For You, is a personal AI Voice Assistant like Amazon's Alexa or Apple's Siri, which appeals to the younger generation and knows all major teenager slangs and terms - both in English and Hindi, and it could be used in rural areas as a teaching assistant to teach English to the underprivileged students. It could tell your horoscope, play games, and solve basic homework effortlessly. Deployed through Linux in a Raspberry Pi environment.

Cryptocurrency Management System   06/2023 - 01/2024

Built a console-based crypto system with secure registration, auth, and P2P transfers. Used SHA-256 for IDs and integrity. Integrated MySQL for management and logs, ensuring validation. Deployed on Azure for scalable hosting.

MindvsYou Education Chatbot   09/2025 - Present

Developed an AI chatbot with Python (Flask) and Meta API, aiding student learning via conversations. Built scalable databases with SQLite/PostgreSQL, and designed cloud architectures on AWS/Azure, showcasing expertise in cloud services, scalability, and cost efficiency.

Leadership Experience

Alumnate   Lucknow, India
Founder and President   02/2025 - Present

- Led the team to successfully host three events and collaborated with two schools and a sports organization in Lucknow.
- Amplified organizational engagement by 25% by hosting over 200 students and alumni.
- Consulted 60 students on future planning and connected them with around 150 Alumni from different fields for mentorship and guidance.

Certifications

IBM AI Developer Professional Certificate — Coursera

Accenture UK Developer and Technology Career Path — Forage

Programming in C++ Certification — Udemy