

Ajit kumar Singh

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Profiles

ajitsingh841/

AjitSinghCoder

Summary

Enthusiastic Python Developer with hands-on experience in **Django** and **FastAPI** and a strong background in **API development**. Skilled in leveraging **AI tools** to drive productivity and enhance user experiences. Proficient in **backend development, database management** (PostgreSQL, MongoDB), and **data-driven applications**. Seeking a challenging role to apply my technical expertise and advance my career in **data science** and **software engineering**.

Experience

Urbano Infotech September 2023
Backend Software Developer Ahmedabad
https://urbanoinfotech.com/

- Developed** and maintained scalable backend services using **Django Rest Framework (DRF)**, ensuring robust API performance and seamless integration.
- Built** an intelligent chatbot solution with **RASA**, enhancing customer interaction through automated responses.
- Designed and implemented** RESTful APIs with **FastAPI**, optimizing response times and resource efficiency.
- Managed** data storage and retrieval with **PostgreSQL,Dynamodb** and **MongoDB**, ensuring data integrity and efficient querying.
- Created** user-friendly interfaces with **Next.js** and **React.js**, focusing on responsive design and an improved user experience.
- Automated** tasks and improved workflow efficiency with custom **Python scripts**.

MP Police May-2023
Cyber Security Aug: 2023

- Led a team** in creating awareness about **cyber fraud** and its impact on individuals and organizations.
- Developed and delivered **educational presentations** and workshops focused on identifying and preventing **cyber threats**.
- Conducted research on **emerging cybersecurity trends** and shared findings to enhance community outreach efforts.

Projects

Morsmiles
Mor Smiles presents an extensive directory of doctors, spanning diverse medical fields. From cardiologists to dermatologists, find the expert you need to address your specific health concerns.

- Team Collaboration:** Worked collaboratively with a cross-functional team to develop backend and frontend components.
- Created and managed RESTful APIs** using **Django Rest Framework**, implementing unit tests that reduced bugs by **30%** and increased overall system reliability.
- Created user-friendly interfaces** with **Next.js** and **React.js**, focusing on responsive design that improved the user experience and led to a **30% increase in site traffic**..
- Gateway API:** Developed a gateway API with **FastAPI** to efficiently handle and direct requests.

Dylog - Chatbot For B2B
https://www.dylog.ai/

- Dylog Chatbot Development:** Created a B2B chatbot to enhance communication between buyers and suppliers in hardware and defense sectors.
- Platform Integration:** Integrated with **Twilio, Facebook Messenger**, and **Microsoft Teams** for improved engagement.
- AI and Business Logic:** Utilized **Rasa** for intent extraction and implemented workflows for item search, cart management, and order processing.

OffCom – Offroad Car Marketplace

- Built a scalable backend using **FastAPI** to connect builders and enthusiasts for buying and selling off-road vehicles.
- Designed and integrated **DynamoDB** for high-performance NoSQL data storage.
- Developed RESTful APIs for user authentication, vehicle posting, and transactions, with automated documentation using **Swagger/OpenAPI**.
- Leveraged FastAPI's asynchronous capabilities for efficient handling of concurrent requests.
- Deployed AWS services (DynamoDB, S3) for a secure and reliable platform.

Book you pandit
Connects users with pandits for various religious ceremonies.
https://bookyourpandit.in/

- Built APIs for pandit registration, service listing, and user bookings.
- Integrated payment gateway and optimized background tasks with Celery.
- Developed responsive UI with Next.js and TypeScript.
- Enhanced accessibility for both web and mobile users.

Skills

Programming Languages: Python, JavaScript, C++, SQL

Backend: Django, Django REST Framework, FastAPI, RASA, Microservices

Databases: PostgreSQL, MongoDB, Dynamodb, PL/SQL, SQLAlchemy, ORM

Frontend: React.js, Next.js, HTML5/CSS3, Bootstrap, Tailwind CSS

Operating Systems: windows, macos, ubuntu

Core CS: Data Structures & Algorithms, OOP, STL

Other :AWS, Git, Github, Microservices architecture

Education

IES Institute Of Technology and Management 2019 - 2023
Computer Science and Engineering (8.6 CGPA) B.Tech
https://iesbpl.ac.in/

Achievement

I got 1st rank on Geeksforgeeks on solving problems in my college.

5* on Hakerrank

Certifications

Rest Api	Problem Solving	Prompt engineering	AWS	Pandas
		Great leaning		