ADIL ANWAR

Python Developer | Backend Developer | Full Stack Developer

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A results-oriented software engineer with 3+ years of experience building scalable backend architectures, cloud-native solutions, and AI-driven applications. Adept at utilizing analytical and programming skills to achieve business goals while aligning with the company's vision and values.

PROFESSIONAL EXPERIENCE

Sajal Tech Solution Private Limited | Panna Madhya Pradesh   **Feb 2024 – Present**

- Led the **development** and **deployment** of scalable **Django**-based backend architecture with **Celery, Celery Beat, Twilio, and AWS EC2**, ensuring high performance, real-time communication and automation.
- Created APIs to fetch live data from platforms like YouTube, Instagram, and others, integrating **real-time data and analytics**, storing them into backend systems to ensure up-to-date information.
- Built real-time communication systems using **WebSockets, Django Channels, and Daphne**, enabling live messaging, notifications, and streaming data updates.
- Implemented secure, modern authentication workflows including **Google OAuth, Facebook OAuth, and Two-Factor Authentication (2FA)** with OTP and email verification.
- Built and maintained databases (**PostgreSQL, MySQL, SQLite**), optimizing storage, performance, and retrieval to ensure efficient backend operations, smooth access to data, and improved scalability and reliability.
- Implemented **CI/CD** pipelines using **GitHub Action** for automated deployment with minimal errors.
- Integrated **OpenAI DALL·E**, **Chat Completion**, and **Anthropic Claude APIs**, enabling **image generation**, **AI chatbots**, and **dynamic web responses** for real-time user experience enhancement.
- Utilized **Python, Selenium, BeautifulSoup,** and **request** mimicking techniques to **automate data scraping**, improving efficiency, data accuracy, and ensuring smooth integration into backend systems.
- Developed **front-end components** using **React**, ensuring smooth, dynamic, and responsive user interfaces.

Lepton Software | Gurugram Haryana   **June 2023 – Dec 2023**

- Built a FastAPI system tracking fuel prices from Live Mint into PostgreSQL for trend analysis. Automated daily updates via Cron Jobs, **enabling dynamic access to pricing data**.
- **Created a Google Maps Scraper App** that integrates the Places API to generate map URLs and scrape ratings, reviews, addresses, phone numbers, coordinates, and more, exporting data to Excel.
- **Engineered an India Polling Data Extraction App** using Tkinter for GUI and PyInstaller for .exe conversion, allowing users to extract and export polling station data and logs to Excel by state/territory.
- Developed an OCR Tool for extracting voter details from PDFs in multiple Indian languages with over 90% accuracy and deployed the tool on Lepton Server for seamless use and Excel output.
- Worked on Geospatial Data Analysis using **GeoPandas, Shapely, Fiona**.

iNeuron | Remote   **Jan 2022 – June 2023**

- Identified valuable data sources and automate collection and pre-processed structured and unstructured data.
- Analyzed large amounts of data to discover trends and patterns and build predictive machine-learning models.
- Presented information using data visualization techniques. Developed multiple AI/ML solutions and deployed them.

EDUCATION

Gautam Buddha University, Greater Noida, UP   **2015-2020**

Integrated B. Tech + M. Tech, Mechanical Engineering   CGPA 7.43/10

SKILLS

Hard Skills:

Scripting Languages: Python, HTML-CSS, JS **| Frameworks:** Django, Flask, React, Tailwind **| Database Management:** PostgreSQL, MySQL, SQLite, Google Firebase **| APIs & Integrations:** RESTful APIs, OpenAI, Claude AI, Celery, Twilio, Stripe, PayPal **| Cloud Platforms:** AWS, Microsoft Azure **| Libraries & Tools:** Scikit-learn, Matplotlib, NumPy, Pandas, BeautifulSoup, Selenium, Celery, Django Rest Framework (DRF), Requests **| Version Control:** Git, GitHub **| Development Tools:** Jupyter Notebook, VSCode, Google Colab **| CI/CD & Automation:** GitHub Actions, Celery beat, Cron Jobs

Soft Skills: Team Player, Critical Thinking, Adaptability, Curiosity, Creativity, Good Communication skills, Analytical Skills, and Fast Learner.

CERTIFICATION

ML Masters, SQL Programming, React Certification, Python for Data Science, Django Certification