

Pankaj Kumar

Python Developer

Results-driven Software Developer with 3+ years of experience in Python, Django and FastAPI development, seeking to leverage my expertise in Full stack Development, Backend Development, and API integration to build scalable and innovative solutions. Passionate about optimizing workflows through scripting, microservices, and cloud technologies (AWS), I aim to contribute to dynamic teams by delivering high-performance applications and robust data-driven tools.



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WORK EXPERIENCE

Backend Python Developer

Leeford Healthcare LTD.

02/2025 - Present

Gurugram

Achievements/Tasks

- Developed and maintained RESTful APIs using Fast API, supporting CRUD operations, user authentication, and secure data handling for Lee Reporting – an enterprise-level field forces management system.
- Designed and optimized relational database schemas using PostgreSQL, implementing foreign key relationships, joins, and query optimization for large-scale reporting modules.
- Integrated complex business logic for modules like Tour Program, POB/SOB Tracking, Daily Attendance, and Doctor/Chemist/Stockist Management.
- Built dynamic and responsive frontend interfaces using React.js, with custom component development, form validations, dependent dropdowns, and chart visualizations.
- Used GitHub for version control, followed Agile methodology, and participated in regular code reviews and sprint planning.

Freelance Python Developer

Self Employes

09/2023 - 12/2024

Ranchi

Achievements/Tasks

- Managed projects from start to finish, including planning, coding, testing, and providing support after delivery.
- This resulted in a 30% increase in client satisfaction by understanding project needs and delivering tailored solutions.
- Ensured reliability in 100 + APIs built and maintained with Django and Flask for fast and scalable applications.
- Executed security features like user authentication and data encryption to protect sensitive information.
- Improved application performance by fixing slow parts of the code and reviewing it to ensure high quality.

Software Engineer

Orange Business Services

08/2022 - 08/2023

Gurgaon

Achievements/Tasks

- Developing Python Script for Network Devices to Generate Alarm
- Transformed a manual monitoring process into an automated one by developing a Python Plugin, which streamlined data collection and analysis, now processing over 10,000 data points every week for enhanced insight.
- Transitioned manually maintained Perl scripts to fully automated processes using Python Plugin, resulting in a streamlined workflow that reduced manual intervention time by an impressive 20 hours per week.

SKILLS

Python	Django	Flask	Core Java	FastAPI	React.js
PostgreSQL	SQLite	SQL	MongoDB	REST	JavaScript
Asyncio	NumPy	Pandas	Tailwind CSS	HTML5	
Agile Methodology	Git	AWS	CI/CD	RESTful APIs	
Node.js	Redis	Microservices Architecture	Critical Thinking		
Problem Solving	Team Work	Linux	JWT	Sqlalchemy	

PROJECTS

Lee Reporting

- **Technology used:** Python, FastAPI, PostgreSQL, React, AWS, GitHub
- **About Project:** Lee Reporting is a comprehensive employee performance and reporting system built to manage, monitor, and analyze field force activities in real-time. The platform is designed with both frontend and backend components, offering full-stack functionality for seamless data management, daily activity tracking, and business reporting.

Dynamic Profile Integration

- **Technology used:** Python, Django, PostgreSQL, REST API
- **About Project:** Built a Django-based system to fetch and store LinkedIn profile data using Humantic AI APIs. Integrated real-time API calls to gather personality traits, education, work history, and demographics. Automated data extraction and storage in a structured format for easy access. Created a user-friendly interface to display profile details dynamically. Improved error handling and data validation to make the system more reliable and efficient.

ETL Discovery AI Tool

- **Technology used:** Python, PostgreSQL, OpenAI Agent, OpenAI Agent, Streamlit, Flask
- **About Project:** Developed an open-source ETL (Extract, Transform, Load) Discovery Tool designed to serve as a core engine for automating data pipelines. The tool streamlines the process of extracting data from diverse sources, transforming it into a structured format, and loading it into target systems.

Database ETL Discovery Tool

- **Technology used:** Python, Django, SQL, NoSQL, Streamlit, SQL Agent Django Rest Framework
- **About Project:** Database Discovery Tool is a comprehensive solution created for the discovery and exploration of SQL and Oracle databases. This tool facilitates the efficient reading, extraction, and fine-tuning of database information using Pythonbased ETL (Extract, Transform and Load) processes. The tool leverages SQL Agent for seamless communication with OpenAI, enhancing its capabilities through advanced query processing

WORK EXPERIENCE

Software Developer

Incite Gravity

01/2022 - 07/2022

Gurgaon

Achievements/Tasks

- Gained hands-on experience in building dynamic web applications using Html & CSS, JavaScript for the front end and Python and Django for the back end, enhancing skills in JavaScript, RESTful APIs, and database integration.
- Built web apps with Python and Django, focusing on HTML & CSS and JavaScript and APIs.

EDUCATION

Lovely Professional University (2021)

Master of Computer Application Phagwara, Punjab

Ranchi University (2021)

Bachelor of Computer Application Ranchi, Jharkhand

LANGUAGES

English

Full Professional Proficiency

Hindi

Native and Bilingual Proficiency

INTEREST

Cricket

Cooking

Fitness