Jaypal Sanjay Pawar

Python Developer

+91 9834134796

pawarjaypal325@gmail.com

Karad, Satara, Maharashtra

SUMMERY

5.7 years experienced Python Developer with a strong background in FastAPI, Flask and Django. Proficient in both SQL and NoSQL databases. Specialized in data handling and manipulation with a knack for building robust APIs. Quick learner and dedicated professional passionate about delivering high-quality solutions.

TECHNICAL SKILLS

- **Python 3.X**
- **Frameworks:** Fastapi, Django, Flask
- **Databases:** PostgreSQL, Neo4j, Redis, Oracle, MYSQL,
- **Web Services:** DRF(Django REST Framework)
- **ORM:** DjangoDB, SQLAlchemy
- **Testing Framework:** PyTest ,UnitTest,
- **Front End:** JavaScript, HTML, CSS
- **Server-Side Language:** Jinja 2, JavaScript
- **Cloud :** AWS
- **Code Versioning Tool:** Git
- **Project Management Tool:** Atlassian Ejira
- **API Testing Tools:** Swagger, Postman
- **Libraries:** Pandas, Boto3, Pydantic, BeautifulSoup etc.
- **Containerization**: Docker
- **Electronic Data Interchange (EDI):**
  Extensive knowledge and hands-on experience in EDI development, validation and conversions
  Worked on transactions 834, 837(I/P/D), 835, 820, 278, 267, 277 ect.

PROFFESSIONAL EXPERIENCE

Vesta (As a Contractor)   Dec '24 - Feb '25

Project : Vesta (FastAPI,Redis, PostgreSQL)

- **Developing and Maintaining APIs** – Designed and implemented RESTful APIs using FastAPI, ensuring high performance and scalability for real-time data processing.
- **Efficient Data Management with Redis & PostgreSQL** – Integrated Redis as a caching layer to optimize API response times and used PostgreSQL for structured data storage, ensuring consistency and reliability.
- **Writing Optimized Python Code** – Developed efficient, reusable, and scalable Python code, following best practices to enhance application performance and maintainability.
- **Logging and Monitoring** – Integrated **OpenTelemetry** for distributed tracing, logging, and metrics collection, enabling real-time monitoring and performance analysis of APIs.
- **Strategy and Documentation** – Authored code strategy documentation, outlining API design, data flow, caching mechanisms, and database interactions to ensure maintainability and seamless team collaboration.
- **Testing and Debugging** – Conducted unit and integration testing to ensure API reliability, debugged performance bottlenecks, and implemented monitoring solutions for proactive issue resolution.
- **Collaboration and Deployment** – Worked closely with cross-functional teams, deployed APIs in Dockerized environments, and contributed to CI/CD pipelines to streamline deployment and updates.

HiPaaS Infotech	Oct '21 - Nov '24

Responsibilities:

- Leading the design and implementation of **project architecture**, focusing on scalability and maintainability in Python.
- Applying **Electronic Data Interchange (EDI)** expertise to collaborate with trading partners and optimize data exchange processes.
- Overseeing the implementation of **JWT security** measures and designing API endpoints to ensure secure client communication.
- Actively engaging with clients to gather and analyze business requirements, translating them into technical specifications.
- Constructing robust APIs using **FastAPI**, optimizing performance and facilitating seamless integration with various storage solutions, including **S3 buckets**.
- Experience in working ORM Libraries including **Django ORM** and **SQLAlchemy.**
- Used **Ejira** for project management, task tracking and requirement management.
- Aligning development efforts with business requirements, collaborating with cross-functional teams for successful project delivery.
- Utilizing **Git** for version control and **Jira** for project management to streamline collaborative development processes.
- Demonstrating strong **teamwork skills** while also excelling as a **self-sufficient developer**, adept at independently handling diverse responsibilities within the project lifecycle.

PROJECT DETAILS

Auto EDI Loader

EDI File Processing Automation (FastAPI, Neo4j):
- Developed a robust Python application to automate the processing of Electronic Data Interchange (EDI) files.
- Utilized Pandas for efficient data manipulation and analysis, enabling quick validation checks for industry compliance and generating 999 and TA1 acknowledgment files, providing a seamless feedback mechanism to trading partners.
- Implemented dynamic loading of EDI data into Neo4j, capturing all relevant properties for comprehensive analysis and reporting.

Inbound, Outbound and Realtime Transactions:
- Created Python APIs for diverse Inbound/Outbound EDI transactions 834, 835, 837, 278, 820 etc. emphasizing large file loading compatibility and performance.
- Engineered real-time transaction APIs 270, 271, 276, 277 using FastAPI's asynchronous features, ensuring high responsiveness (In 6 Sec) with robust error handling.

Conversion APIs:
- Created APIs for seamless JSON to EDI and EDI to JSON conversion, ensuring flexibility in data interchange.
- Ensured accurate translation between JSON and EDI formats, catering to diverse trading partner needs.

This projects showcase my expertise in end-to-end solutions for EDI file processing, covering validation, acknowledgment generation, database integration, and API development. Emphasizing industry standards and real-time data interactions highlights my dedication to delivering high-quality solutions in the electronic data interchange domain.

Wayzon Technology Services	Aug '19 – Oct '21

Project : Homologation (Django,DRF, PostgreSQL)

Implemented a Django and Django Rest Framework solution for vehicle certification, automating type approval vehical test cases. Designed an architecture with multiple APIs to facilitate efficient client communication. The system ensures compliance with government regulations and maintains a centralized database to track and store certification data. As a Python developer, my involvement centered on client communication and creating APIs.

EDUCATION

Shivaji University, Kolhapur

B.E. Electrical Engineering   Year 2015-19

STRENGTH

- Creative and innovative thinker
- Quick learner with good grasping ability
- Good oral, written, presentation skills
- Action Oriented and result focused

PERSONAL DETAILS

- **Address:** Near Mayur Medical Malkapur, Tal:Karad, Dist:Satara (415539)
- **Date of Birth:** 3 June 1998
- **Sex & Status:** Male & Unmarried
- **Nationality:** INDIAN
- **Languages Known:** English, Marathi, Hindi

DECLARATION

I hereby declare that all the information given above are true to the best of my knowledge and belief.

Place:
Date: Mr. Jaypal Pawar