

P.NANDHA

PYTHON FULL STACK DEVELOPER

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Profile Summary:

- A dedicated and results-driven Python Developer with a strong foundation in software development and a passion for building efficient, scalable, and user-friendly applications.
- Experienced in leveraging Python's versatility to develop solutions across web development, data analysis, automation, and scripting. Proficient in Python programming with expertise in frameworks such as Django and Flask.
- Adept at collaborating with teams, solving complex problems, and continuously learning to stay updated with the latest technologies.
- Skilled in building RESTful APIs, database management, and integrating third-party services. Demonstrates strong problem-solving abilities, attention to detail, and a passion for continuous learning.

Key Skills:

- **Programming Languages** : Python (Core, Advanced), JavaScript, SQL.
- **Frameworks and Libraries** : Django, Flask, FastAPI, Pandas, NumPy, Matplotlib.
- **Databases** : MySQL, PostgreSQL, SQLite, MongoDB.
- **APIs** : RESTful API design and integration.
- **Tools** : Git, Docker, Jenkins, Jupyter Notebook.

Other Skills:

- ✓ RESTful API development
- ✓ Agile methodologies
- ✓ PyTest
- ✓ Responsive web design
- ✓ React.js
- ✓ Angular
- ✓ Matplotlib

Academic Background

B.COM (Computer Application) - Pannaikadu Verammal Paramasivam Arts and Science College.

[Madurai kamaraj university], [Dindigul, Tamil Nadu] | *Year of Graduation: 2024.*

Professional Experience:

Python Full Stack Developer

TRIYAM, [Chennai, Tamil Nadu] *Dec 2023 – Present*

- Developed and maintained a dynamic e-commerce platform using Django for the backend and React.js for the frontend.
- Built RESTful APIs for seamless integration between the frontend and backend systems.
- Designed database schemas and optimized queries for improved performance on PostgreSQL.

Project#1

Title : ShopyCart

Domain : E-Commerce

Duration: Jan 2024 – Present

Roles and Responsibility:

- Develop and maintain the backend architecture using Python frameworks like Django or Flask. Build and optimize RESTful APIs to handle user authentication, product management, cart operations, and order processing. Design reusable, testable, and efficient code for scalability and performance.
- Design and implement relational (PostgreSQL/MySQL) and (MongoDB) database schemas for users, products, orders, and payment information. Write optimized queries and implement data validation to ensure system performance and reliability. Manage migrations and data transformations during updates or scaling.
- Ensure data security by implementing encryption protocols for sensitive information, such as user credentials and payment details. Regularly update libraries and dependencies to eliminate potential risks.
- Integrate payment gateways like Stripe, PayPal, or Razor pay for secure transactions. Implement third-party shipping and logistics APIs to automate order tracking. Incorporate analytics tools for customer behavior tracking and business insights.

Declaration:

I hereby affirm that the details furnished above are true to the best of my knowledge.

Date:

Place:

(Nandha.P)