S. KESAVA MOORTHY

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PYTHON FULL STACK DEVELOPER

OBJECTIVE

Motivated Python Full Stack Developer with 1+ year of experience in designing, developing, and maintaining scalable web applications. Proficient in Python, Django, and React.js, node.js with a strong foundation in database management, API development, and frontend technologies. Seeking to leverage my skills to contribute to innovative projects and enhance user experiences.

PROFILE SUMMARY

* ❖ Highly motivated and skilled Python Developer with 1+ of experience in designing, developing, and deploying scalable web applications and solutions.

* ❖ Proficient in Python programming and its frameworks such as Django, Flask, and Fast API, with a solid understanding of both backend and frontend development.

* ❖ Expertise in database management, RESTful API development, and integrating third-party services.

* ❖ Strong problem-solving skills and a keen ability to collaborate with cross-functional teams to deliver high-quality projects.

EDUCATION

B.E. Computer Science – N.S.N College of Engineering and Technology, Karur. (2024)

TECHNICAL SKILLS

* **Programming Languages:**

    Python, JavaScript, HTML, CSS,SQL.

* **Frameworks:**

    Django, Flask, React.js, Node.js, Bootstrap

* **Databases:**

    MySQL, PostgreSQL, MongoDB

* **Tools & Platforms:**

    Git, Docker, Jenkins, AWS (EC2, S3)

* **Other Skills:**

    ✓ RESTful API development
    ✓ Agile methodologies
    ✓ Debugging and testing (PyTest, Selenium)
    ✓ Responsive web design

WORK EXPERIENCE

[**Agileaxis**, chennai] || *JULY 2024 – 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.

❖ Collaborated with a team of developers using Agile methodologies to deliver features on time.

❖ Integrated payment gateways and third-party APIs, enhancing functionality and user experience.

❖ Implemented CI/CD pipelines using Jenkins, automating build and deployment processes.

Project#1

Title   : E-Shopper
Domain   : E-Commerce
Duration : JULY 2024 – JAN 2025.

ROLES AND RESPONSIBILITIES

❖ Design, build, and maintain the backend system using Django or Flask. Create RESTful APIs for seamless communication with the frontend.

❖ Implement user authentication and authorization (e.g., login, signup, and role-based access control). Manage product catalog functionalities like adding, updating, and deleting items.

❖ Work closely with frontend developers to integrate APIs. Debug issues arising from API interactions and resolve them. Support responsive and dynamic user interfaces by providing the required data.

❖ Implement measures to prevent SQL injection, XSS, and CSRF attacks. Encrypt sensitive data like passwords using hashing algorithms (e.g., bcrypt). Set up HTTPS and other security protocols.

❖ Write and execute unit tests, integration tests, and API tests using frameworks like PyTest. Debug and resolve issues reported by the QA team or end-users. Conduct performance and load testing to ensure the application can handle peak traffic.

Project#2

Title   : ShoppyFlow
Domain : E-Commerce
Duration : FEB 2025 –Present.

ROLES AND RESPOSIBILITY:

- ❖ 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 declare that the information furnished above is true to the best of my knowledge and belief.

Place:

Date: [Kesava Moorthy.S]