Aakash Rathor

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Summary

Driven by a passion for crafting elegant and efficient web solutions, my objective is to further develop my skills as a Python Developer while contributing to innovative projects that push the boundaries of technology.I am eager to collaborate with talented teams, tackle challenging problems, and make meaningful contributions to the success of web development initiatives.

Work Experience

Python Developer(Trumen Technologies Pvt. Ltd.)

August 2022- Present

- Continuous learning and improvement by staying updated with the latest developments in Flask, Python, frontend technologies, and best practices in software development.
- Successfully developed and maintained web applications using Flask framework, demonstrating proficiency in handling routing, request handling, and templating.
- Familiarity with organizing Flask applications using the Model-View-Controller (MVC) and Model-View-Template(MVT) pattern, contributing to improved code structure and maintainability.
- Impletation of JWT for Authentication and Authorization.
- Performance and reduce database load.
- Worked with MongoDB for Database Operation.
- I have used datatable to show events.
- I'm also work on form validation.
- Contributed to integrating MongoDB with Flask applications, participating in database schema design, and implementing CRUD operations.
- Assisted in implementing user authentication and authorization mechanisms.
- Contributed to writing and executing unit tests for Flask applications using pytest, and participated in debugging and troubleshooting efforts to ensure application reliability.

Skills

Skills: Python,Object-Oriented Programming(OOP),Flask,Django, HTML5, CSS, JavaScript, Bootstrap, MongoDB,Git and Github,MVC and MVT Architecture,Linux,Database Management,Datatable Plugin

Projects

Inventory Management System

- Implemented a robust backend using Flask to handle inventory data and user authentication.
- Designed an intuitive user interface with HTML, CSS, and JavaScript for seamless user interaction.
- Utilized MongoDB for efficient storage and retrieval of inventory data, ensuring high scalability.
- Enabled real-time inventory tracking and updates using AJAX for a dynamic and responsive user experience.

CRUD Operations Performing System

- Designed and implemented a system enabling seamless Create, Read, Update, and Delete operations for inventory items.
- Developed backend functionality using Python Flask for efficient data handling and user authentication.
- Built a responsive user interface with HTML, CSS, and JavaScript, ensuring a smooth user experience.
- Utilized MongoDB for robust and scalable database management, ensuring efficient data storage and retrieval.

Phone Book System

- Designed to store and manage contact details including phone numbers and emails, providing a comprehensive personal information repository.
- Developed an intuitive interface for seamless navigation and ease of use.
- Enabled quick retrieval of contacts through efficient search features, enhancing user accessibility.
- Ensured convenient access to personal information with an organized and easily navigable system.

EDUCATION

2021 - 2023	**MCA at SAGE University**	(GPA: 7.7)
2018 - 2021	**B.SC(Computer Science) at DAVV**	(GPA: 7.5)

CERTIFICATION

C Programming : DataFlair
Python Programming: Simplilearn