Jay Shankar Sharma

Software Engineer

Experienced Python backend developer with a strong foundation in developing robust and scalable backend systems. Proficient in Python frameworks such as Django and Flask, with expertise in designing and implementing RESTful APIs and WebSocket functionality for real-time communication. Skilled in utilizing Celery for task scheduling and distributed processing, enhancing system performance and scalability. Adept at collaborating with cross-functional teams to deliver high-quality software solutions and proficient in the entire software development lifecycle.

Contact

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Skills

- Python, Django, WebSocket, Celery
- RESTful API Design
- SQL Server
- HTML, CSS , JavaScript
- Git, JIRA, Docker
- Postman
- AWS

Work History

Software Engineer: 2019 - Current

Universal Electronics, Bengaluru

- Developed backend systems using Python and Django framework.
- Designed and implemented RESTful APIs for seamless communication between frontend and backend systems, adhering to RESTful principles and best practices.
- Implemented WebSocket functionality for real-time communication between clients and server, utilizing libraries such as Django Channels.
- Utilized Celery for task scheduling and distributed task processing, enhancing system scalability and performance.
- Utilized ORM libraries to interact with databases, ensuring data integrity and efficiency.
- Integrated third-party APIs for additional functionality and services.
- Collaborated with frontend developers to ensure smooth integration of frontend and backend components, focusing on efficient data exchange via RESTful APIs, WebSocket connections, and Celery tasks.
- Participated in code reviews, debugging, and troubleshooting to maintain code quality and resolve issues promptly.
- Worked closely with DevOps team to deploy applications on cloud platforms and optimize server performance.
- Actively involved in entire software development lifecycle from requirement analysis to deployment and maintenance.
- Developed and maintained frontend components using HTML, CSS, and JavaScript.
- Ensured responsive and user-friendly interfaces by utilizing modern CSS frameworks and JavaScript libraries.
- Collaborated with UI/UX designers to implement visually appealing and functional web pages.

Education

2015-08 - 2019-05

Computer Science

IES College of Technology - Bhopal