S U B H A N I   S H A I K

• Backend Developer •

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A B O U T   M E

I've spent 3.5 years mastering FastAPI backend development. My focus is on aligning technical solutions with strategic business objectives. Skilled in optimizing databases and architecting scalable APIs, I excel in collaborative, innovation-driven environments. Let's discuss how I can elevate your team's projects

E D U C A T I O N

2009 - 2012 • BBM (Bachelor of Business Management), SSN Degree college.

2012 - 2014 • MBA (Master of Business Administration), DJR Institute of Engineering.

E X P E R I E N C E

G A D G E T W O O D   E - S E R V I C E S | FastAPI Backend Developer

Tools Used : Python, FastAPI, Pytest, MongoDB, AWS, Docker, Git,Swagger/OpenAPI

Mar 2021 – Jan 2022

Project Description: **Device Lifecycle Management System**

Centralized platform for tracking and managing device repairs and maintenance. Provides comprehensive device histories, real-time status updates, and tracks pending actions. Streamlines processes, reduces delays, and minimizes errors. Enhances customer satisfaction through integrated communication tools. Manages inventory and generates insightful reports on repair trends and performance metrics.

Project Responsibilities:

- Designed and developed RESTful APIs using the FastAPI framework to manage the device lifecycle.
- Implemented user authentication and authorization mechanisms to ensure data security and privacy.
- Integrated with MongoDB for efficient storage and querying of device information and repair history.
- Developed workflows to track devices through each phase of the repair
- process. Implemented notifications and alerts for stakeholders at various stages of device repair.
- Collaborated with frontend developers to design intuitive user interfaces for managing devices.
- Wrote comprehensive documentation for APIs, data models, and deployment processes.
- Conducted testing, debugging, and optimization of backend components to ensure reliability and performance.

Feb 2022 – Feb 2023

Project Description: **Electronic Device Components Management System(EDCMS)**

Tools Used : Python, FastAPI, Pytest, MongoDB, AWS, Docker, Git,Swagger/OpenAPI

Developed and implemented the backend infrastructure for the Electronic Device Components Management System (EDCMS), a centralized platform designed to manage electronic components used in the manufacturing of electronic devices. This system assists manufacturers, suppliers, and engineers in tracking, procuring, and managing components throughout their lifecycle.

Project Responsibilities:

- Designed & implemented FastAPI-powered RESTful APIs.
- Engineered authentication & authorization mechanisms.
- Orchestrated MongoDB integration for data storage.
- Developed cohesive modules for tracking, procurement, and lifecycle management.
- Collaborated with frontend for intuitive user interface design.
- Authored comprehensive documentation for API and deployment.
- Conducted rigorous testing, debugging, and optimization.
- Ensured compliance with industry standards and regulations.

Mar 2023 – Dec 2023

Project Description: **Unified Ticketing System (UTS) **

Tools Used : Python, FastAPI, Pytest, MongoDB, AWS, Docker, Git,Swagger/OpenAPI

Empowered organizational efficiency and customer satisfaction through the successful deployment of the Unified Ticketing System (UTS). Led the charge in integrating Disparate ticket sources, from internal employee requests to external customer Inquiries and technical support issues, into a centralized, user-friendly platform. Resulting in streamlined workflows, expedited ticket resolution, and heightened team Productivity. This initiative significantly elevated service delivery standards, positioning the organization as a leader in responsive and effective ticket management

Project Responsibilities:

- Led the design and development of RESTful APIs with the FastAPI framework, streamlining ticket management from diverse sources for enhanced efficiency.
- Implemented robust authentication and authorization mechanisms, safeguarding system integrity and ensuring controlled access to features.
- Orchestrated seamless integration with MongoDB, optimizing data storage for streamlined ticketing processes and real-time updates.
- Engineered modular solutions for ticket lifecycle management, from creation to closure, optimizing workflows and resolving issues promptly.
- Collaborated cross-functionally to design user-friendly interfaces, prioritizing intuitive ticket management and insightful reporting.
- Produced comprehensive documentation for APIs, data models, and deployment procedures, facilitating seamless knowledge transfer and system scalability.
- Conducted rigorous testing and optimization of backend components, ensuring reliability and performance under varying loads.
- Upheld compliance with SLAs and regulatory requirements, maintaining service standards and organizational reputation.

S K I L L S

Troubleshooting & Solution Deployment	Coding & Scripting	Performance Optimization	Logical Thinking	Software Design & Development