MUHAMMED SHABEER
Full stack developer

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Summary

Full Stack Developer with over 1 year of experience as a Backend Developer at Doctosmart Enterprises Pvt Ltd, specializing in Python Django. Skilled in building scalable, user-centric web applications using HTML5, CSS3, MySQL, Python Django, and REST APIs. Experienced in collaborating with teams to design and implement responsive, efficient web interfaces. Proficient in integrating backend systems with frontend components to ensure optimal performance and user satisfaction.

Skills

• API(Application programming interface) • Python • JavaScript • Development • CSS3 • Sql • HTML • API Integration • Django • Frontend • Git • Bootstrap • HTML5 • RESTFUL API

Experience

Doctosmart Enterprices Pvt Ltd - Cyber Park
Calicut, India
01/2024 - Present

Backend developer

- Backend Development with Python and Django: Built 10+ robust RESTful APIs, optimizing server-side logic to improve response times by 30% and ensuring scalability for 1,000+ concurrent users.
- Frontend Development: Leveraged HTML, CSS, and JavaScript to design responsive interfaces, achieving 98% user satisfaction in UI/UX testing and enhancing overall user engagement.
- Enterprise Application Development: Led the development of an academic management system for 500+ users, streamlining operations and improving security and scalability, reducing system downtime by 99.9%.
- API Design and Integration: Continuously adopted industry best practices in API design, integrating third-party services and ensuring seamless performance across multiple platforms.
- System Performance and Reliability: Ensured 99.9% uptime and smooth application performance, handling growing user bases with optimized backend architectures and real-time system monitoring.
- IVF Web Application Development: Played a pivotal role in developing the IVF web application, contributing to five core units: Doctor, Pharmacy, Inventory, HR, and Finance.
- UI/UX Optimization: Optimized user interfaces for the CMC web application, focusing on intuitive, responsive designs, leading to enhanced user experience and engagement.
- API Efficiency: Designed and implemented RESTful APIs, achieving a 30% improvement in data flow efficiency and ensuring smooth, reliable application performance.

Projects

In Vitro Fertilization (IVF)

Built a comprehensive web application to streamline IVF clinic operations, integrating five key modules: Doctor, Inventory, HR, Pharmacy, and Finance. Utilized cutting-edge technologies to enhance efficiency, scalability, and user experience.

- Specialized in backend development using Python Django and REST APIs, reducing development time by 30%, optimizing data retrieval by 25%, and implementing a scalable architecture supporting 1,000+ concurrent users for high performance and reliability
- Data Management: Structured secure and efficient data storage solutions with AWS RDS, MySQL, and SQLite, achieving 99.9% database uptime.
- Module Development: Successfully developed and Tuned backend functionalities for five critical modules: Doctor, Inventory, HR, Pharmacy, and Finance, enhancing clinic operations and workflow efficiency.

Clinic management system (CMS)

Developed a comprehensive healthcare clinic management system, streamlining patient record management, appointment scheduling, and administrative workflows, resulting in a 40% improvement in operational efficiency. Constructed robust backend solutions using Python Django and RESTful APIs, enabling Protected and Upgraded Data handling with a 30% reduction in response time. Delivered a responsive, user-friendly interface, enhancing staff productivity by 25%.

- Technologies Used: Formulated using Python Django for secure backend development, and HTML5 for a responsive and user-friendly frontend
- interface. Implemented patient registration, medical history tracking, role-based staff management, and real-time appointment scheduling, improving efficiency by 40%, with automated billing and invoicing, reducing errors by 25%.
- System Integration: RESTful APIs for seamless client-server communication and efficient data flow.

Customer Relation Managment(CRM)

Engineered a web application to enhance customer relationship management, focusing on client engagement, sales tracking, and business analytics. Achieved a 30% improvement in customer retention and a 25% boost in sales conversion. Integrated real-time analytics, delivering actionable insights. Leveraged backend technologies for 10x faster data processing.

- Technologies Used: Powered by Python Django for backend development and HTML5 and CSS for crafting responsive, intuitive user interfaces.
- Real-Time Analytics Dashboards: Integrated dashboards providing actionable insights, cutting decision-making time by 30% and boosting operational efficiency by 20%.

Education

Sambhram Institute of Technology - Bangalore City University

Bachelor of Computer Application (BCA)

Certification

Full stack development with python Django - Doctosmart,CyberPark Calicut