

SHAJAHAN TK

Full stack developer

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Summary

Innovative Full Stack Developer with over 1 year of experience as a Frontend Developer at Doctosmart Enterprises Pvt Ltd, specializing in React.js and Python Django. Proficient in building dynamic, scalable, and user-centric web applications using modern technologies. Demonstrates strong expertise in React, MySQL, Python Django, REST APIs, Redux, and Tailwind CSS, with a passion for delivering high-quality solutions. Adept at collaborating with teams to design and implement seamless, responsive, and efficient web interfaces. Experienced in integrating robust backend systems with intuitive frontend components to ensure optimal performance and user satisfaction.

Skills

• API(Application programming interface) • React.js • mongoDB • Redux • Python • JavaScript • Development • APIs • CSS • Sql • HTML • API Integration • SPA(singe page application) • MVT • Reactjs • Django • Frontend • Git • Bootstrap • HTML5 • RESTFUL API • REST API • Data Structures

Experience

Doctosmart Enterprices Pvt Ltd - Cyber Park

Calicut, India

Frontend developer

01/2024 - Present

Expanding expertise in modern frontend technologies and developing professional skills in React-based application development. Deepening understanding of frontend architecture and user interface design principles. Gaining hands-on experience in enterprise-level application design and academic management system architecture.

- Played a key role in the development of the IVF web application, contributing to five major modules: Doctor Module, Pharmacy Module, Inventory Module, HR Module, and Finance Module.
- Worked extensively on the CMC web application, focusing on creating intuitive and responsive user interfaces.
- Demonstrated advanced skills in React.js for frontend development, ensuring high-quality and scalable web solutions.
- Integrated robust backend functionalities using Python Django, delivering seamless communication between frontend and backend systems.
- Implemented RESTful APIs to enable efficient data flow between the client and server, ensuring smooth and reliable application performance.
- Leveraged Redux for state management to build scalable and maintainable applications with enhanced user experiences.

Projects

In Vitro Fertilization (IVF)

Developed 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.

- Technologies Used: React.js for frontend development, Redux management, Python Django, Tailwind CSS for styling, and REST APIs for seamless communication.
- Data Management: Ensured secure and scalable data storage using AWS and RDS to support application performance.
- Module Development: Designed and implemented Doctor, Inventory, HR, Pharmacy, and Finance modules and optimize clinic operations.

Clinic management system (CMS)

Designed and implemented a comprehensive web application for healthcare clinic management, streamlining patient record management, appointment scheduling, and administrative workflows. Developed a responsive, user-friendly interface using modern web technologies to enhance clinic operational efficiency.

- Technologies Used: Built using Python Django for secure backend development, and HTML5 for a responsive and user-friendly frontend interface.
- Core Features: Implemented patient registration, medical history tracking, role-based staff management, and real-time appointment scheduling with billing invoicing.
- System Integration: Developed REST APIs to ensure seamless communication between client-side and server-side components for efficient data flow.

Customer Relation Managment(CRM)

Developed a streamlined web application to enhance customer relationship management, focusing on client interaction, sales tracking, and business analytics.

- Technologies Used: Built using Python Django for backend development and HTML5 and CSS for creating responsive and user-friendly interfaces.
- Key Functionalities: Implemented customer tracking, lead management,analytics dashboards to enhance business processes and decision-making.

GARBAGE MANAGEMENT SYSTEM

•Enabled users to effortlessly select preferred waste collection locations by integrating Google Maps API, thus optimizing the waste disposal process.
•Facilitated seamless transactions: Spearheaded the integration of the Razor Pay payment system, streamlining payment processes for enhanced user convenience.

Education

Sambhram Institute of Technology - Bangalore City University

Bachelor of Computer Application (BCA)

Certification

Full stack development with python Django ,React - Doctosmart,CyberPark Calicut