MUTHU KUMARAN P

Full Stack Developer

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Chennai

SUMMARY

Highly skilled Full Stack Web developer with 4+ years of experience creating responsive web applications and user-friendly interfaces. Proven ability to collaborate with cross-functional teams to deliver high-quality software solutions. Seeking to leverage my expertise to contribute to innovative projects in a dynamic environment.

EXPERIENCE

CubeSimple Private Limited, Chennai

Senior Software Engineer – Nov 2023 - Present

- Developed and maintained the company's flagship web application using React, resulting in improved user engagement and customer satisfaction.
- Collaborated with product managers to define project requirements and deliverables.
- Worked in an Agile/Scrum environment, participating in sprint planning, daily stand-up meetings, and code reviews.
- Implemented state management using Redux for efficient data flow and application scalability.
- Stayed up to date with the latest trends and best practices in React development.

Ciranta IT Services (Formerly, Aspirant Labs), Chennai

Software Engineer – Jan 2023 - Oct 2023

- Designed and implemented API versioning and documentation to ensure a consistent developer experience and facilitate API adoption.
- Implemented authentication and authorization mechanisms, including token-based authentication and OAuth, to secure API endpoints.
- Worked closely with the DevOps team to deploy and monitor web applications in production environments.
- Troubleshoot and resolved issues, ensuring minimal downtime and a smooth user experience.

Hesperus Automation System Pvt Ltd, Chennai

Software Developer – Oct 2020 – Dec 2022

- Developed an E-commerce web applications using React JS, Django-Rest framework, MySQL.
- Handled on multiple functionalities like authentication, User Interactive Design (UI), sent notification via SMS & email, User Experience (UX), some third-party API integration like SMS gateway, Payment gateway, Logistics gateway.
- Ensure applications security and ability to interact with multiple APIs and databases.
- Utilized Django ORM to interact with databases, write complex queries, and ensure data consistency.
- Optimized web applications for performance, including lazy loading and code splitting.

SKILLS

React JS	Redux	JavaScript / TypeScript	HTML / CSS / Bootstrap
Angular	API integration	Micro-Service	Material UI / Tailwind
Python	MySQL	Pandas	Git / GitHub / GitLab
Django	Deployment	CI/CD pipeline	AWS Cloud Service

EDUCATION

Sri Ramakrishna Institute of Technology, Coimbatore - **Bachelor of Engineering (2016 - 2020)**
N. A. A. M. Hr. Sec. School, Rajapalayam – **HSC (2014 - 2016)**

PROJECTS

Cloud Finops (Voya Financial)
📅 2024 📍 Chennai

Led the development and implementation of a scalable front end for a cloud-based FinOps platform, enhancing cloud cost visibility and optimization for enterprise clients.
- Oversaw the development of a dashboard focused on cost forecasting and anomaly detection, collaborating with cross-functional teams to implement advanced algorithms.
- This application comprises modules such as "FinOps Health", which offers a comprehensive dashboard tailored for CXO professionals.
- Designed and deployed an **AI-powered chatbot** application, integrating **ChatGPT** and **Gemini API** to offer intelligent, responsive customer support and insights.
- Enhanced the chatbot's capabilities with natural language understanding, optimizing its accuracy and user engagement for real-time queries and complex data-driven responses.

Kalyan Jewellers Limited Equals ERP (Enterprise Application Suite)
📅 2023 📍 Chennai

An internal web application to manage the whole enterprise from billing, inventory, accounts, sales and purchase
- Implemented the UI using Angular13.x, Bootstrap and Typescript
- Developed a Django RESTful API-driven microservices architecture for an Enterprise Resource Planning (ERP) platform.
- Worked in Pandas, NumPy for sales, purchase, stock data analytics, XlsxWriter for report generating (import & export) and worked on the purchase and sales invoice generating in pdf format.

Bookwedgo (Mandapam Booking & Tracking Application)
📅 2023 📍 Chennai

A web application is used for customer can be book, enquiry a mandapam via Customer portal. Other users have separate portals, like Admin can control applications, Vendors can be added their own mandapams, Agent can be under multiple listed mandapams.
- Implemented the UI using React, Bootstrap and Responsiveness for all devices.
- Integrated the Bill Desk payment gateway in the application and collects request, responses, and logs stored in the MySQL database.
- Worked on the SEO handling in on-page loading for adding the necessity tags and content.
- Designed, developed, and maintained RESTful APIs using the Django REST framework, ensuring efficient data communication and integration with frontend applications.

Rentbase (E-Commerce Platform)
📅 2022 📍 Chennai

A web application can cover the C2C, B2C and B2B. The main target for the application is that everyone can use rental products via an online platform.
- Implemented the application using React with Redux, styled components and Django Rest Framework, MySQL
- Played a key role in the development, improvement, and operation of web-based software
- Integrated the Razorpay payment gateway for transactions, Porter Logistics gateway for courier tracking, SMS gateway for OTP Authentication and confirmation.
- Worked in Jira software for project management and handled deployment in GoDaddy hosting server.

REFERENCES

Portfolio: https://muthukumaran.web.app
Freelancer: https://www.truelancer.com/freelancer/muthukumaran0
GitHub: https://github.com/muthukumaran-tech