

KERTHIKROSAN M

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SUMMARY

A dedicated Front-end, React, backend developer, machine learning Enthusist, and data analyst with a strong foundation in creating innovative technological solutions. Skilled in transforming data into actionable insights and building scalable, efficient systems. Passionate about driving operational excellence, enhancing user experiences, and contributing to impactful projects. Eager to further develop expertise within a forward-thinking company and contribute to a variety of dynamic initiatives

EXPERIENCE

Rolumntech Private Limited

Jan 2023 - Present

Backend Developer | Machine Learning Specialist | Data Analyst

- Developed an employee mental health monitoring system using facial recognition, heart rate, and surveys for stress assessment.
- Integrated machine learning algorithms to analyze stress levels and generate insights for improving organizational well-being.
- Transitioned reporting and data analytics systems from Cognos to Apache Superset and Tableau for real-time analytics.
- Automated data extraction and transformation to improve the efficiency of reporting processes.
- Built a platform for client-company collaboration, incorporating project management features and real-time messaging.
- Optimized backend services using Node and ensured smooth database management to improve workflow efficiency.
- Designed and implemented interactive dashboards, enhancing data accessibility and visualization for decision-making.

INTERNSHIP

SmartFlat: A Modern Solution for Seamless Flat Management

Jun 2023 - Sep 2023

- User-Centric Design: Built with React.js and Node.js, the platform offers an intuitive, user-friendly interface, simplifying flat management for tenants and property managers.
- Seamless Communication Features: Integrated real-time messaging, notifications, and updates, ensuring smooth and efficient communication between users while addressing concerns promptly and fostering better relationships.
- Responsive Across Devices: Fully optimized for mobile, tablet, and desktop, the platform provides a seamless experience, allowing users to manage flats anytime, anywhere, without hassle.
- Scalable and Secure Infrastructure: Designed with a focus on scalability and robust data security, ensuring reliable operations while supporting future expansions and handling sensitive user information safely.

PROJECT

Architectural Brilliance: A Full-Stack Platform Redefining Interior Design Experiences

Jun 2023 - Dec 2023

- Dynamic Full-Stack Application: Developed with React.js for a visually engaging frontend and MongoDB for secure backend management, this platform showcases architectural and interior design portfolios with premium visuals and smooth navigation.
- Enhanced Communication & Accessibility: Integrated Email.js for seamless client inquiries, optimized for SEO, and deployed with 99% uptime, ensuring high visibility and reliability across devices.
- Business-Ready Solution: Combines elegance, functionality, and modern design, providing a polished platform for designers to connect with potential clients effectively.
- Link: <https://euro-design-studio.web.app> 🔗

Travel Your Way: A Premium Full-Stack Booking Platform for Modern Explorers

Nov 2022- April 2023

- Dynamic Full-Stack Platform: Built with React.js and MongoDB, the site offers a user-friendly interface and secure backend for seamless travel booking.
- Optimized for Scalability & Visibility: Features intuitive design, SEO optimization, and scalable architecture to handle queries efficiently and support future upgrades.
- Responsive & Business-Ready: Provides a consistent experience across all devices with modern UI/UX, making it a professional solution for travel booking services.

EDUCATION

BE in Computer Science And Engineering

Sathyabama Institute Of Science And Technology . Chennai, India (2023)

SKILLS

- Programming Languages: JavaScript, Python, React
- Softwares & Frameworks: Tableau, Apache Superset, MongoDB, SQL, MEARN Stack (MongoDB, ExpressJS, React, NodeJS), Ionic Framework, Flask, Django
- Communication Skills: Proficient in English, and Tamil, facilitating seamless interaction and collaboration in multicultural environments.