Jose Chemmanoor

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DESCRIPTION

A dedicated and creative Computer Science student with a passion for software development and user-centered design. Skilled in full-stack web development, mobile app development, and machine learning, with hands-on experience building impactful projects. Adept at collaborating in teams, taking initiative, and bringing ideas to life through clean, efficient code and thoughtful UI/UX.

EDUCATION

Rajagiri School of Engineering and Technology, Kochi, Kerala, India　　　　　*2022 - Present*
Bachelor of Technology in Computer Science and Engineering | **7.29 CGPA**

St. Joseph's Model Higher Secondary School, Kuriachira, Kerala, India　　　　*2021 - 2022*
Higher Secondary School (XII - State) | **94.25%**

Don Bosco Central School, Mannuthy, Kerala, India　　　　　　　　　*2019 - 2020*
High School (X - ICSE) | **89.16%**

WORK EXPERIENCE

R&D Intern at MiPhi Semiconductors Pvt. Ltd., Bengaluru, India　　　　　*June 2025*
- Created a comprehensive Test Case Management Tool tailored to internal semiconductor testing operations.
- Engineered modules for test case creation, tracking, and status management with role-based user controls.
- Connected frontend interfaces with backend APIs to support seamless test planning and real-time updates.
- Partnered with R&D engineers to align tool features with live validation and debugging workflows.
- **Tech Stack:** HTML, CSS, JavaScript, Node.js, PostgreSQL

Intern at JESCON Technologies Pvt. Ltd., Thrissur, India　　　　　　　*July 2024*
- Conducted systematic manual testing to detect bugs and ensure platform reliability.
- Formulated detailed test scenarios based on user behavior and key functionalities.
- Evaluated user interface elements through usability tests and provided actionable insights.
- Coordinated with the development team for issue tracking, regression testing, and performance validation.
- **Tech Stack:** Manual Testing, Test Case Design, Bug Reporting

PROJECTS

Safe Circle – Women's Safety Mobile App　　　　　　　　　　　　*June 2025*
- Created a cross-platform app with features like SOS alerts, panic buttons, fake call triggers, and AI-powered safe route recommendations.
- Integrated real-time incident mapping, smartwatch connectivity, and emergency widgets for rapid access.
- Prioritized responsive interface, reliable background services, and secure data operations.
- **Tech Stack:** React Native, Supabase, Google Maps API, Tailwind CSS, Expo

CSI – Official Website　　　　　　　　　　　　　　　　　*September 2024*
- Led the UI/UX for the CSI chapter's official site, focusing on a minimal layout and intuitive user flow.
- Produced wireframes, visual design assets, and interactive prototypes to maintain consistency.
- Worked closely with developers to ensure pixel-perfect alignment of frontend and design specs.
- **Tech Stack:** Figma, Canva

Personal Portfolio Website　　　　　　　　　　　　　　　　*August 2024*
- Built a fully responsive personal site to highlight project work, skills, and milestones.
- Implemented fluid navigation, subtle animations, and fast-loading pages across breakpoints.
- Added interactive sections and GitHub integrations to reflect real-time updates.
- **Tech Stack:** React, Tailwind CSS, HTML, GitHub Pages

BMI Calculator – Web App   *March 2024*
- Constructed a BMI calculator using Flask to accept user inputs and return categorized results.
- Connected Python backend data with frontend templates to display results dynamically on the web interface.
- Ensured responsive layout with semantic HTML and lightweight CSS styling.
- **Tech Stack:** Python, Flask, HTML, CSS

POSITION OF RESPONSIBILTY

Creative Lead – CSI RSET   *2025 - Present*
- Leading the creative team in designing posters, editing videos, and developing promotional content for CSI RSET events.
- Managing design quality, timelines, and team coordination to maintain a cohesive visual identity.

Creative Associate – CSI RSET   *2024 - 2025*
- Contributed to the design of the official CSI RSET website and visual content for events like the ideathon *Incubate*.
- Designed posters and coordinated with the team to ensure consistent branding and event promotion.

SKILLS

Languages: Java | Python | C | C++ | JavaScript
Frameworks & Libraries: React | React Native | Tailwind CSS | TensorFlow
Tools & Platforms: GitHub | VS Code | Figma
Database: MySQL | PostgreSQL

CERTIFICATIONS

- **Test Case Management & Web Development** – Internship at MiPhi Semiconductors, June 2025
- **Application of Advanced Robotics** – NPTEL (IIT Kanpur), May 2025
- **Fundamentals of Artificial Intelligence** – NPTEL (IIT Guwahati), Nov 2024
- **Introduction to Application Development** – Internship at JESCON Technologies, July 2024