

Leone Jacob Sunil

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PROFESSIONAL EXPERIENCE

Software Engineer

LG Soft India

04/2024 – Present
Bengaluru, Karnataka

Project Name: OTA PORTAL

Project Description:

Contributed as part of a development team to build an **Over-the-Air (OTA) firmware update application** enabling remote firmware distribution using HTTP communication. The platform initiates and manages the installation/update process, and ensures efficient device update workflows.

Technologies Used: HTML, CSS, JavaScript, React.js, Redux

Roles and Responsibilities:

- Designed and developed **responsive, reusable UI components** in React, ensuring a consistent and user-friendly experience across devices.
- Integrated frontend components with backend APIs, enabling **seamless real-time data communication** and efficient OTA process handling.
- Optimized **frontend performance** through code refactoring, reducing load times and improving responsiveness.
- Analyzed UX documentation to refine workflows, **enhancing usability and reducing user friction** during firmware updates.
- Identified and resolved **static code analysis issues** flagged by Coverity, improving overall code quality, maintainability, and system stability.
- Collaborated with QA and backend teams to **debug and resolve cross-functional issues**, ensuring smooth OTA package deployment.

EDUCATION

Bachelor in Technology in Computer Science

Presidency University

09/2019 – 11/2023
Bengaluru, Karnataka

TECHNICAL SKILLS

- Languages: HTML, CSS, JavaScript, TypeScript, Python
- Frameworks & Libraries: React, Next.js, Tailwind, Redux, Tailwind CSS, shadcn/ui
- Tools & Platforms: Git, Github, Netlify, Vercel

PROJECTS

eVote

Face Recognition Voting System | HTML, CSS, JS, Python, Flash, MySQL, OpenCV

- Developed an innovative **Face Recognition Voting System** to enhance electoral security and efficiency.
- Integrated **facial recognition algorithms** and **biometric authentication** for voter verification.
- Improved **voting accuracy**, reduced fraud, and streamlined the **electoral process** using AI-driven solutions.
- Focused on real-time identity verification to ensure **secure and reliable voting** experiences.

Yügen Gallery

Showcase Platform for Community Artwork | React, Next.js, Supabase, Drizzle ORM, Appwrite, Tailwind CSS

- Developed a responsive and dynamic UI using **React** and **Tailwind CSS**, delivering a seamless experience across desktop and mobile devices.
- Implemented **infinite scrolling** and **lazy loading** to optimize image-heavy content rendering and improve performance.
- Integrated with **Appwrite** and **Supabase** to handle image uploads, real-time previews, and metadata display in the frontend.
- Focused on **accessibility**, **SEO optimization**, and **modern UX patterns** to ensure a user-friendly and discoverable platform.