Vivek K J
Full Stack Web Developer

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PROJECTS

•IEEE Sahrdaya SB Website   *https://ieeesahrdaya.com/*

Developed a responsive, SEO-optimized website for IEEE Sahrdaya Student Branch using Next.js.

- Implemented Features: Designed and developed a fully responsive website with a modern user interface, optimized for search engines (SEO).
- User Authentication: Integrated secure login functionality for multiple societies, allowing each society to update content independently.
- Technologies: Next.js, Styled Components, Firebase, JavaScript, SEO, Responsive Design.

•Medcare   *https://medcare-woad.vercel.app/*

Secure medical records sharing platform for patients

- Developed an encrypted platform for secure sharing of medical records.
- Ensured 100% data security via Pangea Cloud integration.
- Streamlined the process for doctors to upload and patients to download medical records.
- Technologies Used: Next.js, TailwindCSS, Pangea APIs.

•MobilEASE   *https://mobilease.vercel.app*

Web-based traffic complaint management system empowering citizens

- Engineered a Progressive Web App (PWA) with mobile-responsive design.
- Empowered citizens to report complaints; Admin users effectively manage or forward issues.
- Integrated the capability to attach video/image evidence during incident reporting.
- Implemented a complaint tracking system, ensuring 100% transparency.
- Technologies Used: ReactJS, Tailwind CSS, Firebase.

TECHNICAL SKILLS

- **Programming Languages**: C, Python, JavaScript, TypeScript
- **Libraries, Frameworks, and Developer Tools**: ReactJS, NextJS, VueJS, React Native, ExpressJS, Figma
- **Database Technologies**: MongoDB, Firebase, SQL Databases
- **Cloud Services**: Proficient in deploying applications on almost every cloud platforms
- **Version Control**: Experienced with Git for efficient collaboration

EDUCATION

•APJ Abdul Kalam Technological University   *Oct 2021-Jun 2025*

Bachelor of Technology in Computer Science and Engineering   CGPA: 9.17 (upto S6)

VOLUNTEERING

•GDSC Lead   *Jul 2023 - Jul 2024*

Google Developer Student Clubs - Sahrdaya College of Engineering and Technology
- Led and managed a prominent student developer community, promoting collaboration and skill growth.
- Organized and executed 15+ successful events, showcasing strong organizational and project management abilities.
- Cultivated a hacker culture by fostering positive relationships within the community, encouraging innovation and collaboration.

•Technical Coordinator   *Apr 2023 - Present*

IEEE Sahrdaya SB   https://ieeesahrdaya.com/
- Delivered technical support for IEEE chapter events, showcasing expertise in event execution and effective communication with the chair.
- Assists the web team in maintaining and updating the chapter's website, ensuring a smooth user experience and timely content delivery.

•Packaging Maintainer   *Oct 2022 - Present*

Debian   https://debian.org
- Develops new Debian packages (.deb) and updates existing ones.
- Contributes to packaging GitLab for Debian integration.
- Ensures maintenance and security of Debian packages.

•FOSS Contributor   *April 2019 - Present*

Swathantra Malayalam Computing (SMC)   https://smc.org.in
- Helps to localize various FOSS projects to Malayalam language
- Helps to find bugs in various FOSS Projects by SMC