AWINDAS R

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EDUCATION

St. Josephs College of Engineering and Technology, Palai, Kerala
B. Tech in Computer Science and Engineering   *2023 - 2026*

EXPERIENCE

Associate Developer and Tech Lead   Jan 2025 -Present
Mulearn Foundation

- Lead the tech team in developing and maintaining critical projects including **mulearn.org** and the **Mulearn Platform**, which supports **46,000+ students** across Kerala and other states from various colleges.
- Spearhead **technical strategy** and **project development**, ensuring robust and scalable solutions for a large student ecosystem.
- Collaborate with cross-functional teams to design and implement **innovative technological solutions** for educational outreach and student engagement.
- Utilize modern **web technologies** and **development practices** to create high-performance, user-centric platforms.
- Manage **technical roadmaps** and **coordinate team efforts** to deliver impactful technological initiatives.

Web Lead and Core Team Member   2024-Present
The Nexus Project (FOSS Community)

- Developed and maintained the official **website** for the **Nexus Project** using **Next.js** and **TypeScript**, enhancing **user engagement** and optimizing **performance** with server-side rendering and static site generation.
- Designed and implemented a dedicated **event page** for **FOSS Day**, improving **user experience** through responsive **UI/UX design**, **event schedules**, and **registration** features, leveraging **Next.js API routes** and **TypeScript**. (https://nexus.sjcetpalai.ac.in/fossday)
- Played a key role in **event planning** and **coordination**, ensuring a **seamless** and **impactful** experience for **attendees**, utilizing **project management** and **team collaboration** skills.
- Utilized **Git** and **GitHub** for efficient **version control** and **collaborative development** within the team.
- Implemented **SEO optimization** techniques in the **Next.js** framework to improve **website visibility** and **search engine ranking**.

Campus Lead   2023-Present
MuLearn - SJCET, Palai

- Developed and executed strategies to communicate the value of **MuLearn's offerings**, **leading a team of 15+ members**, driving engagement and promoting growth within the college community.
- Achieved a **90% increase in the points system**, making our college the first in Kerala to reach **1 million points**, showcasing **leadership** and **strategic planning** skills.
- Conducted **workshops** and **training sessions** to upskill team members, fostering continuous learning and enhancing overall productivity.
- Collaborated with other college communities to host **inter-college events**, enhancing visibility and promoting collaboration across institutions.

Intern   Dec 2023-March 2024
Kerala Development and Innovation Strategic Council

- Spearheaded outreach to institutions not yet registered with the **Young Innovators Program (YIP)**, achieving **over 35% of total participation** for the year, demonstrating **outreach** and **engagement** skills.
- Collaborated with the YIP team to support **program operations**, **student engagement initiatives**, and **data management**, ensuring smooth execution.
- Organized **workshops** and **awareness sessions** to boost student participation, effectively communicating the program's benefits.
- Developed and executed outreach strategies using **social media** to enhance **brand visibility** and expand the program's reach.

EXTRA-CURRICULAR & CERTIFICATIONS

Front-End Software Engineering Virtual Experience Program   July 2024
Skyscanner
Full-Stack Developer Virtual Experience Program   July 2024
Y Combinator's - Working at a Startup

PROJECTS

MuLearn 4.0 Dashboard | *ReactJS, TypeScript, Axios, Django, TailwindCSS* ⬀
- Engineered a scalable and intuitive dashboard serving over **46,000+ users**, offering a centralized platform for MuLearn members to **track progress, explore roadmaps**, and engage with the learning ecosystem.
- Built using **ReactJS, TypeScript**, and **TailwindCSS** on the frontend, with a robust **Django** backend and **Axios** for API communication.
- Contributed to a **70% increase in active users** and a substantial boost in daily engagement post-launch.
- Designed with a learner-first approach, integrating personalized content and progress tracking to enhance user retention and growth.

Innovation Excellence Dashboard | *ReactJS, TailwindCSS, Supabase* ⬀
- Developed a comprehensive platform for managing and showcasing academic innovations, supporting **submission, review**, and **tracking** of projects, publications, patents, and more.
- Implemented **role-based access control** for Students, Faculty, and Admins, ensuring secure and role-specific permissions throughout the application.
- Integrated a **faculty review system** for evaluating student submissions and providing valuable feedback.
- Utilized **Redux Toolkit** for efficient state management and **supabase** as the backend for seamless data storage and authentication.

TipMe -A Tipping app for restaurants | *ReactJS, TailwindCSS, Supabase, ExpressJS, NodeJS*
- Developed a **user-centric app** with a **modern UI** using **ReactJS**, **TailwindCSS**, and **Supabase**, achieving **load times under 2 seconds**.
- Integrated **ExpressJS** and **NodeJS** to handle **backend processes** and **efficient data management**, completing the project in **4 days**.
- Implemented **separate dashboards and views** for 3 different user roles, enhancing user experience and functionality.

Electrical Communication Students Association - SJCET Website | *ReactJS, JQuery* ⬀
- Utilized **React** to create **dynamic and responsive user interfaces**, enhancing **user experience** and **engagement**.
- Integrated **jQuery** to streamline **DOM manipulation** and ensure **seamless functionality** across the website's interactive elements.

SKILLS

Technical Skills: HTML, CSS, JavaScript, Java, TypeScript, ReactJS, NextJS, Node.js, Express.js
Libraries and Tools: Tailwind CSS, Sass, Postman, Hoppscotch, WebGL, Figma, Blender
Databases and APIs: MongoDB, SQL, Supabase, REST
Version Control and DevOps: Git, GitHub, Docker
Interpersonal Skills: Communication, Problem-solving, Teamwork, Time Management, Adaptability