

Alvin Dennis

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About Me

Dynamic Electrical & Electronics Engineering professional skilled in IoT, circuit design, renewable energy systems, proficient in UI/UX design, web development, and manual software testing, an open-source enthusiast, adaptable and disciplined, with strong teamwork abilities and event management experience, committed to delivering innovative and impactful solutions.

Skills

Programming Languages: Python, C, JavaScript, HTML/CSS, Markdown, YAML, LaTeX, Bash

Frameworks & Libraries: Next.js, React.js, Vue.js, Astro, Node.js, Jekyll, oRPC, Expo, Pathway, Tailwind CSS, Prisma, Drizzle

Databases & Backend: Hono.js, PostgreSQL, Supabase, Firebase, Upstash Redis

Tools & Platforms: Git & GitHub, Turborepo, Hoppscotch, Figma, GitHub Actions, RoboFlow, Vercel, Netlify, Render, Cloudflare, Twilio, Visual Studio Code

Hardware & Technologies: Arduino, Raspberry Pi, Matlab

General Skills: Time Management, Communication Skills, Teamwork, Leadership, Adaptability, Critical Thinking, Attention to Detail, Decision Making, Community Engagement, Mentoring, Problem Solving, Conflict Resolution, Collaboration, Emotional Intelligence, Strategic Planning, Interpersonal Skills

Experience

Frontend Engineer, MetaLoom Jul 2025 - Present

- Leads product development, technical architecture, and innovation.

Community Management Intern, Tinkerhub Dec 2024 - May 2025

- Assisted in planning community activities, creating engagement within the community.

Campus Co-Lead, Gtech Mulearn SJCT Mar 2024 - Feb 2025

- Co-led campus initiatives, managed QA Interest Group, and organized events and bootcamps.

Chief Finance Officer, Startup Bootcamp SJCT - IEDC Sep 2023 - Mar 2025

- Managed finances, organized events, and hosted workshops.

Education

B.Tech in Electrical and Electronics Engineering, St. Joseph's College of 2021 - 2025

Engineering and Technology, Palai

Higher Secondary, Sharjah Indian School, Sharjah 2019 - 2021

Projects

EleGuard View GitHub

- Developed the software side of EleGuard, focusing on detection logic and automated alerts.

Beyond Syllabus View GitHub

- Set up and configured the back-end server architecture for the Beyond Syllabus platform, enabling performance optimization and faster loading times.

μLearn Home View GitHub

- Led the front-end migration and implementation process, optimizing the user interface and improving responsiveness across μLearn Home page.