

JOMI SUSAN MATHEW

Transforming Yesterday's Setbacks into Today's Triumphs, Paving the Way for Tomorrow's Unstoppable Inspiration.

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EDUCATION

APJ Abdul Kalam Technological University, India

Jul 2019 - July 2023

- Bachelor of Technology with Honours (Computer Science) | CGPA: 9.33

St Johns Higher Secondary School, Nalanchira

June 2018 - May 2019

- XII HSE Board | Percentile: 98.1%

SKILLS

Typescript | Deno | React | Nodejs | SQL | HTML | CSS | php | Figma | Content Writing | Python | C

WORK EXPERIENCE

SOFTWARE ENGINEER INTERN | Hopnmove Private Limited

Nov 2023 - Jan 2024

- Responsible for the development & optimization of API endpoints using Deno(NodeJS) with Xano, Supabase [Postgress] databases.
- **Reduced the API response time by 60%** through query optimization.
- **Implemented caching** strategies using **Deno KV**, further optimizing response times to milliseconds, improving page loading times by **90%**.
- Developed **Deno unit tests** improving the reliability of API response.
- Used **Deno** and **Vercel** for seamless **deployment** and continuous integration, optimizing the development workflow.
- Developed a comprehensive design system using Figma.
- Provided voiceovers for design walkthroughs, effectively communicating design concepts and decisions to cross-functional teams and stakeholders.
- Gained proficiency in technologies, including LocoFy and Docker, Xano functions and actively contributed to the exploration and integration of these tools within the development environment.

CONTENT WRITER INTERN | Gtech Mulearn

Jan 2022 - April 2022

- Designed **3+** community event **posters** using **Figma** attracting over **80+** participation.
- Volunteered for YIP idea submission event influencing **100+** participants to submit ideas for the same.
- Wrote content for **3 posters & 2 meems**, implemented **2 carousels**, and a **blog** using **notion**.
- Collaborated and worked with **2 teams** using **notion**.

PROJECTS

Schello (React, NodeJS, Firebase) 🔗

Sept 2022 - March 2024

An application to prevent drug abuse among children and crime analysis platform for analysing drug incident reports.

- Launched a **student experience-sharing platform**, focused on substance abuse incidents and **real-time anti-drug campaign updates**.
- Attracted **300+** students and got recognised and supported by the **Excise Department Of Kerala**.
- Currently in testing phase with the support of **Excise Department of Kerala**.

Wellness Bot (React, NodeJS) 🔗

Sept 2022 - March 2024

An AI chat bot build on top of ChatGPT model to provide instant counselling for students.

- Developed and deployed an AI-driven substance abuse counselling bot, delivering anonymous personalized guidance to **300+** students struggling with mental health challenges.
- Significantly **reduced wait times** for initial counselling sessions, **decreased privacy concerns** and **increased accessibility to support services**.
- Utilized **GPT 3.5 Turbo model** with prompt tuning to achieve human-like chat conversation.

Inventory Management App (HTML,CSS,php,SQL) 🔗

Oct 2022 - Dec 2022

Online shopping platform for Buyers and Sellers, with multi-user support, like a mini Amazon.

- **Features:** Buyers enjoy the convenience of adding, removing, and placing orders from a comprehensive product listing provided by various sellers. Meanwhile, sellers can add, edit, or remove products and effortlessly monitor their inventory orders.

Voice Bot (Python)

June 2022 - July 2022

Engineered a Python-powered voice assistant bot resembling basic Google Assistant, effectively addressing user inquiries, resulting in improved user satisfaction and interaction rates.

- **Features:** capacity to introduce itself, provide user manuals, retrieve extensive global information, perform fundamental mathematical calculations, and play YouTube videos.

Attendo Admin Panel (React)

May 2022 - Aug 2022

An admin panel for an attendance management app.

- **Features:** classroom and subject scheme management, user authorization, and the ability to generate attendance reports.
- Implemented in **1+** educational institutions taking attendance of **300+** students.
- Generated **customer requirements** attracted **20+** faculty members and **documented the project** to outline the scope and functionality of the admin panel.

Pharmeasy(Flutter,Firebase)

Jan 2022 - March 2022

A Flutter application to efficiently manage pharmaceutical stock within pharmacies.

- Designed **UI** and collaborated with the team by implementing the screens using **Figma and Flutter**.

VOLUNTEERING

NSS

Aug 2017 - Feb 2019

- Managed blood donation camps and cleaning campaigns. Organized welfare camps for old age homes.