

Aswin S

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EDUCATION

BE-Computer Science and Engineering

KONGU ENGINEERING COLLEGE

CGPA : 9.01

Erode | 11/2021 - Present

WORK EXPERIENCE

ZOHO | FULL STACK WEB DEVELOPER

Chennai, India | Aug 2024 – Present

- Optimized **Zoho One** applications by developing robust backend services with **Servlets** and creating dynamic, user-friendly interfaces using **Ember.js**.
- Leveraged the **Mickey** framework for efficient data modeling, enhancing application performance and scalability.
- Ensured data integrity and optimized query execution by utilizing **PostgreSQL** for database management.
- Streamlined the integration and performance of Zoho One's bundled applications to meet enterprise-grade standards.

RUBRIK | FULL STACK WEB DEVELOPER

Bengaluru, India | Mar 2024 - Aug 2024

- Built the **Finguard** file backup executor using **Spring Boot** and **React**, ensuring efficient file operation handling.
- Used **Localstack** for emulating cloud services to conduct comprehensive local testing.
- Designed and implemented multi-threaded processes for concurrent execution, optimizing performance.
- Developed a seamless integration of backend services with a user-friendly React frontend.

I-TELLER | FREELANCER

Trichy, India | Aug 2023 – Oct 2023

- Developed a **Flutter**-based projector management system handling 100+ daily bookings across 50 classrooms.
- Built dynamic filtering system with cascading parameters (year/department/class/section). Added predictive booking suggestions based on historical usage patterns.
- Architected real-time communication using **Firebase** RTDB (Real Time Database) with offline persistence.
- Created IoT automation to trigger devices based on authorized messages from teachers, establishing a controlled communication flow where only acknowledged messages allow subsequent interactions.

PROJECTS

PORTFOLIO

NEXTJS, TAILWIND, GSAP

My Portfolio build using **NextJs** with some awesome interactive animations using **GSAP**. Deployed in Vercel.

TEXT WRAPPER

REACT, NODE, MONGODB, ALTA5

Constructed an application by leveraging **Quill** and **Socket.io**, where Quill serves as the foundational text editor.

Developed using **React** and **Node.js**, incorporates Socket.io to facilitate real-time communication.

SYNC-CONVO

REACT, FASTAPI

An AI Chatbot to get voice input as prompt and generate response as text as well as audio. The responses are generated using ChatGPT API. Built the backend using **FastAPI** and connected it to **MySQLDB**.

MAPMYSTIQUE

FLUTTER, MAPSAPI

An application to visualize, plan and discover attractions for tourists from start to finish of the journey. Used **MapsAPI** for route planning and tourist spotting in **Flutter**.

MEDICINAL LEAF DETECTOR

FLUTTER, FLASK

Created a **Flutter** application chatbot for Leaf Detection. Training a high-precision CNN machine learning model with a 96% accuracy.

SKILLS

Languages: C++, Java,Python,JavaScript,TypeScript C, SQL

Web Development: React, JavaScript, NextJs, Ember, Redux,TypeScript, HTML/CSS

Mobile Development: Flutter

Backend Development: NodeJs, ExpressJs, FastAPI, Spring Boot, Servlet, Firebase

Databases: PostgreSQL, MySQL, MongoDB, Cloud Firestore, Redis

DevOps: Git, Github, Github Actions, Docker, AWS, LocalStack, Vercel

Others: Prisma, Material UI, WebRTC, Rest API

Tools: VS Code, Android Studio, Postman, Figma

Soft Skills: Communication, Teamwork, Emotional Intelligence, Growth Mindset, Culture awareness, Team management