

# Aswin S

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[Github/aswinsrini](https://github.com/aswinsrini) | [Leetcode/aswinscse](https://leetcode.com/aswinscse) | [Codingninjas/aswinscse](https://www.codingninjas.com/aswinscse)

## CAREER OBJECTIVE

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Experienced Full-stack Developer proficient in crafting user-centric applications with expertise in front-end and back-end technologies. Seeking a challenging role to leverage my skills, drive innovation, and contribute to transformative digital projects.

## EDUCATION

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### BE-Computer Science and Engineering

Kongu Engineering College, Erode, TamilNadu  
CGPA: 9.11

11/2021 - Present

### HSC

Sowdambikaa Matriculation Higher Secondary School, Thuraiyur  
Percentage: 90.9%

06/2020 - 07/2021

## EXPERIENCE

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### Anoshaya | Full Stack Web Developer

Bengaluru, India | 10/2023 – 02/2024

- Worked in platform connecting freelancers to people or people want a project to get completed.
- Developed with diverse modules for comprehensive platform functionality including **Dashboard analytics, Project Management, Financial metrics** etc.,
- Used **Next.js** server components for reducing time it takes to fetch data needed for rendering.
- Used **Node.js** for backend along with **MongoDB** with **JWT** for secure authentication and **Redux** for the managing states of the application.
- Achieved seamless integration of third-party services, used **Stripe** Api for Billing and Payments.

### CentillionLabs | Backend Developer

Bengaluru, India | 10/2023 - 12/2023

- Worked in the **Aristotle AI** software as a Backend Developer.
- Contains different chatbot like LLM, Gmail Summarizer, Bedrock, Vertex etc., I worked in the **Bedrock**
- Used **FastAPI** for back-end to get the service from Bedrock.
- User send a prompt in the application. It will trigger the Bedrock API in the backend.

### Eekai Innovations Private Limited | Flutter Developer

Bengaluru, India | 09/2023 – 01/2024

- Integrated **PPG** signals for converting variables like PVI, PI, SpO2, RR, etc., optimizing data for medical insights.
- Implemented preprocessing techniques on medical data, delivering it to the application at a specified refresh rate for accurate and timely information.
- Crafted a dynamic **Flutter** dashboard, providing doctors with seamless access to patient health data for informed medical decisions.

### I-Teller | Freelancer

Trichy, India | 08/2023 - 10/2023

- Created a dynamic form in **Flutter** for Teachers to select specific parameters like year, department, class, and section, enhancing tailored communication between students and teachers.
- Implemented **Firebase** backend to facilitate instant messaging between users, ensuring efficient and reliable communication within the application.

## PROJECTS

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### PORTFOLIO [↗](#)

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

### TEXT WRAPPER [↗](#)

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 [↗](#)

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 [↗](#)

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 [↗](#)

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

## SKILLS

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**Languages:** C++, JavaScript, Python, Java, C.

**Web Development:** NextJs, ReactJS, Redux.

**Mobile Development:** Flutter.

**Backend Development:** NodeJs, ExpressJs, FastAPI, Django, Firebase.

**Databases:** MySQL, MongoDB, Cloud Firestore, Redis.

**DevOps:** Git, Github, Github Actions, AWS, Vercel.

**Others:** HTML, CSS, TypeScript, Prisma, Material UI, Tailwind, WebRTC, Rest API, GraphQL.

**Tools:** VS Code, Android Studio, Postman, Figma.

## AREA OF INTEREST

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- Full stack Web Development
- Object oriented Programming
- Data Structures

## ACHIEVEMENTS

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### Smart India Hackathon (Medicinal Leaf Detector)

Our team secured second prize in the Smart India Hackathon (SIH) held at Kongu Engineering College for a Medicinal Leaf Detector.

### KEC Top Coder (07/2022 - 07/2023)

I secured 1st place in the Coding Forum of my college. It gave me lot of experience to approach and solve the problem. I competed with my seniors.