

GAYAL M SUNIL

Self-taught MERN stack developer with a strong foundation in coding and problem-solving. Continuously honing skills through hands-on projects and exploring emerging technologies.

Contact

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Projects

Learnify : Learning Management System

- LMS platform enabling users to create, sell, and enroll in courses, featuring secure authentication and interactive learning tools.
- Leveraged a robust tech stack including **TypeScript, Next.js, Node.js, Express, MongoDB, Redis** and **Cloudinary**, ensuring scalability and high performance. **MongoDB** serves as the database, while **Redis provides advanced cache management** for optimized data retrieval.
- Implemented **real-time notifications with Socket.io**, enhancing user engagement through instant updates. **Cloudinary** allows users to upload, store, and manipulate images and videos, offering features like resizing and effects to enrich content.
- Designed an intuitive interface that fosters seamless interactions between instructors and learners, delivering a smooth learning experience while maintaining **strict data security standards**.

Connect : Real-Time Messaging Application

- Connect, a real-time chat application built with the MERN stack, featuring secure **Gmail authentication, real-time messaging, friend requests, online status indicators** and customizable themes for enhanced user engagement.
- Utilized a robust tech stack including **React.js, Node.js, Express, MongoDB** and **Socket.io**, ensuring a seamless and responsive chatting experience across all devices. **MongoDB** serves as the database, while **Socket.io enables real-time messaging capabilities**.
- Styled the application using **Tailwind**, providing a modern and intuitive user interface. Incorporated **NodeMailer for efficient email notifications**, enhancing user interaction and experience.
- Designed for scalability, Connect facilitates smooth interactions and keeps users connected in real time, delivering a **reliable communication platform**.

Mini Projects

Live Weather & Forecase Application

- Provides real-time global updates, **7-day forecasts**, and dynamic icons for a comprehensive user experience.
- Utilized **React.js, OpenWeather API, Geolocation, Chart.js**, and **Tailwind** for a responsive, device-friendly design with light/dark modes.
- Delivered detailed **current weather data**, enhancing accessibility and engagement across devices.

Skills

Languages

- Javascript
- Typescript
- Python
- HTML
- MongoDB
- Java
- C++
- C

Libraries & Frameworks

- Node.js
- Next.js
- React
- Express.js
- Socket.IO
- Redux
- LeafletJS
- TailwindCSS
- DaisyUI

Tools & Platforms

- GIT
- Redis
- JWT
- Cloudinary
- Postman
- Stripe
- RazorPay
- Google Oauth
- Netlify
- Render
- Vercel
- Firebase

Designs

- Figma
- Photoshop

OLX - Clone

- Built an OLX clone supporting secure buying and selling, with **Firestore** for real-time data management and user authentication.
- Leveraged **React.js** and **Firestore** to deliver a reliable platform for product listing and management.
- Enabled smooth user interactions and seamless product listings with responsive design and efficient data handling.

Ip Address Tracker

- Developed a responsive IP Address Tracker using **IP Geolocation** and **LeafletJS** for interactive map displays of IP locations.
- Implemented **JavaScript**, **LeafletJS**, **OpenStreetMap API**, **IP Geolocation API**, **Ajax**, and **Bootstrap** for device adaptability and engaging user interactions.
- Enabled **accurate domain/IP** lookups with visual highlights for improved usability.

Digital Diary

- Developed an Online Diary Application for diary writers, enabling seamless journaling and entry management.
- Built with **Node.js**, **Express**, **MongoDB**, **Handlebars**, and **Bootstrap** to deliver a responsive and user-friendly experience.
- Designed for simplicity, offering a secure and reliable space for daily reflections with efficient data storage.

Netflix - Clone

- Created a Netflix Clone web app for seamless browsing and streaming of movies and TV shows using **TheMovieDB API**.
- Built with **React.js**, **Axios**, and **CSS** to deliver a responsive and visually engaging user experience.
- Integrated dynamic content loading for a smooth, real-time streaming feel.

Education

MERN Stack Web Development

Nxtwave

2024 - present

Higher Secondary

Union Higher Secondary School, Mambra

Jun 2022 - Mar 2023

DECLARATION

I hereby declare that all the information furnished above are true and correct to the best of my knowledge

- Gayal M Sunil