Mrinal Anand

Email: Mrinalanand561@gmail.com
Mobile: +91-9570330701

Linkedin | Github | Portfolio

A passionate ECE graduate proficient in Java and JavaScript, experienced in developing user-friendly, responsive apps with exceptional problem-solving skills. I am a collaborative team player with a proactive mindset, constantly seeking new learning opportunities to enhance my skills and deliver high-quality software solutions.

EDUCATION

- **SRM Institute Of Science And Technology** — Chennai, TamilNadu
  B.Tech - Electronics And Communication Engineering; CGPA: 8.7(Till 7th Sem) — *July 2019 - Present*

WORK EXPERIENCE

- **HomeDreamers Technologies Private Limited** — Remote
  Product Development Intern — *May 2021 - Jul 2021*
  - Created a product prototype with Node.js, Express, React, MongoDB, and Stripe API for online payments.
  - Built REST APIs for delivery pipeline, implemented Socket.io messaging, and developed onboarding bot for customers and service providers.
  - Maintained coding standards, optimized scalability, and ensured quality for full-stack development, API use, and UI design.

- **Girlscript Summer Of Code** — Remote
  Open Source Contributor — *March 2021 - May 2021*
  - Developed user-friendly features and UI with JavaScript for multiple web applications.
  - Implemented fundamental features, including form validation and data management.
  - Worked with a team to build web apps that met clients' requirements and enhanced personal skills and expertise.

PROJECTS

- **ECHO**: | **Next.js | Javascript | Sanity | Stripe | Context API**   Vercel   (Dec 2022 - Feb 2023)
  - This project is an eCommerce website with modern design, advanced cart features, CMS for easy product management, and Stripe integration for secure payments. It's great for any business looking to launch a successful online store.
  - Context API and Next.js were used for smooth communication between the frontend and backend of the website.
  - Sanity CMS was implemented to manage text, images, and API.
  - Stripe was integrated for secure online payments, both domestically and internationally.
  - The web app was hosted on Vercel for fast and dependable performance.

- **ShareVerse** : | **React.js | Tailwind CSS | Sanity**   Netlify   (Nov 2022 - Jan 2023)
  - Developed ShareVerse, a MERN stack web application that enables users to share their thoughts by posting images. Built the frontend using React.js and the backend with Sanity, implementing all features from scratch.
  - Integrated Google Authentication API to enable users to create accounts on the ShareVerse app. Implemented a local storage provider by the browser to save tokens for ease of use.
  - Designed a user dashboard for ShareVerse, which provides a convenient overview of user posts, saved posts, and enables users to edit their posts as well as react to others' posts.
  - Ensured that the ShareVerse frontend is fully responsive across all devices, providing a seamless user experience.
  - Utilized best practices when writing both the frontend and backend code for ShareVerse, ensuring code quality and maintainability.

- **Social Media APIs**: | **Node.js | Express.js**   Postman   (Sep 2022 - Nov 2022)
  - Created secure API endpoints with Bearer Token auth for basic social media user profile access & interaction in JSON format.
  - Developed endpoints for retrieving user profiles, following and unfollowing users.
  - Laid a foundation for building more complex social media apps with HTTP status codes and JSON format.

- **AI Image Generation**: | **React.js|Node.js|Express.js|MongoDB|Tailwind|Restful API**   Netlify   (Jun 2022 - Jul 2022)
  - Built a software app that utilizes advanced AI techniques to generate realistic images, based on user input or from scratch.
  - Created a user-friendly interface with React.js, Vite, and Tailwind CSS, that adapts to various screen sizes.
  - Developed an Express.js-based RESTful API for smooth communication between the frontend and backend of the app.
  - Integrated OpenAI API to generate AI-based images that meet specific requirements.

- **Predicting Bitcoin trends using Machine Learning and Deep Learning** :   Github   (Aug 2022 - Nov 2022)
  - Implemented ML and DL methods to predict Bitcoin trends by training models with historical data.
  - Trained models using historical price and volume data to forecast future price movements.
  - Attended and submitted a paper to IEEE for publication on the successful application of these techniques in cryptocurrency forecasting.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, C++, MONGODB, HTML5, CSS3
- **Frameworks:** React.js, Redux, Node.js, Express.js, Mocha.js, Bootstrap, Tailwind CSS, Material UI, Rest API
- **Developer Tools:** Git, VS Code, IntelliJ, Eclipse
- **Platforms:** Linux, Windows, Github, Netlify Hosting, Vercel Hosting, Sanity, FireBase
- **Soft Skills:** Leadership, Problem-solving, Public speaking, Time management, Adaptability