

# Kiran Babu

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[kiran-nextportfolio.vercel.app](https://kiran-nextportfolio.vercel.app)

## EDUCATION

### St Joseph's College of Engineering and Technology

Bachelor of Technology in Computer Science and Engineering - 8.04 CGPA

Palai, Kerala

Nov. 2021 – Present

### NSS Kidangoor

Higher Secondary - 98%

Kidangoor, Kerala

June 2019 – May 2021

## EXPERIENCE

### Web Developer

Freelancing

August 2024 – Present

- Developed a landing page for Traventions, an International Business Travel Management company based in Canada. [Link: Traventions]

### Web Developer

Computer Society Of India (CSI)

October 2023 – October 2024

SJCET, Palai

- Contributed to the development of the official CSI website for our college using React.

## PROJECTS

### AI-Powered Netflix Clone | React.js, Redux, Firebase (Auth), Tailwind CSS, Groq, TMDB API

- Built a Netflix-inspired app featuring an AI-powered search allowing users to describe preferences (e.g., "Suggest 5 thriller movies on an island") to find tailored recommendations.
- Integrated **Groq** via **Vercel AI SDK** for searching and leveraged **TMDB API** for extensive movie data.
- Designed a responsive UI using **Tailwind CSS** and implemented state management with **Redux**.
- Used **Firebase Authentication** for user sign-up and login functionalities.
- Link:** AI-Powered Netflix Clone

### AI Interviewer Platform | Next.js, TypeScript, Supabase, Drizzle ORM

- Developed an AI-driven platform for conducting mock interviews, dynamically generating questions based on the candidate's position and experience.
- Integrated **Gemini** to analyze responses and perform behavioral analysis by capturing snapshots of the user during the interview, providing a comprehensive performance evaluation.
- Leveraged **Supabase** and **Drizzle ORM** to handle data storage and management, ensuring a smooth and reliable user experience.
- Delivered actionable feedback to help users refine their interview skills and enhance their readiness for real-world interviews.
- Link:** AI Interviewer Platform

### Real-Time Energy Monitoring App | React Native, Firebase, ESP32, CT Sensor

- Built a real-time energy consumption monitoring app integrated with hardware (**CT Sensor**, **ESP32**).
- Developed features including **real-time usage monitoring**, consumption history calendar, bill estimator, and threshold-based anomaly alerts.
- Ensured accurate data syncing with **Firebase** for real-time updates in the app.

### CSE Project Shelf for SJCET | Next.js, TypeScript

- Developed a platform to organize and showcase college **CSE department projects**, featuring search and filtering capabilities about various info to support student reference and networking.
- Link:** CSE Project Shelf

### AI Conversation and Image Generation Platform | Next.js, Supabase, Tailwind CSS, Clerk

- Built an AI-powered platform integrating **conversational AI models** and **image generation features**.
- Implemented user authentication with **Clerk** and designed a fully responsive UI using **Tailwind CSS** and **Aceternity UI**.
- Link:** GenAI Platform

## Portfolio for Maveli | *HTML, CSS, Bootstrap, JavaScript*

- Created an aesthetic portfolio with a **custom waterdrop cursor** for a UI/UX competition organized by GTech Mulearn.
- **Link:** Maveli Portfolio

## TECHNICAL SKILLS

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- **Programming Languages** Python, Java, JavaScript, C, SQL, HTML, CSS
- **Frameworks and Libraries** React.js, Next.js, Node.js, Redux, Bootstrap, Tailwind CSS.
- **Databases** MySQL, MongoDB (Basics)
- **Tools and Platforms** Firebase, Supabase, Git, Drizzle ORM, Postman, VS Code, Eclipse.

## ACHIEVEMENTS AND CERTIFICATIONS

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- **Top 20 Coder** Secured **1st position** in a event conducted by IEDC Bootcamp SJCT and Mulearn SJCT.
- **Smart India Hackathon** Achieved **2nd position** in the internal college round among 31 teams.
- **NPTEL** Secured **Top 5% rank** in The Joy of Computing Using Python.
- **Coursera Certifications** Completed industry-recognized courses including:
  - Introduction to Front-End Development
  - Version Control
  - Programming using JavaScript
  - React Basics
- **Other Certifications**
  - C Training [IIT Bombay]
  - Postman API Fundamentals Student Expert

## HACKATHONS ATTENDED

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- **Yukthi** Participated in a hackathon at St. Thomas Institute for Science and Technology.
- **Magnathon** Attended a hackathon at College of Engineering Vadakara.
- **Eden 3.0** Participated in a hackathon at Marian Engineering College.