

Kiran Babu

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kiran-nextportfolio.vercel.app

EDUCATION

St Joseph's College of Engineering and Technology <i>Bachelor of Technology in Computer Science and Engineering - 8.0 CGPA</i>	Palai, Kerala Nov. 2021 – Present
NSS Kidangoor <i>Higher Secondary - 98%</i>	Kidangoor, Kerala June 2019 – May 2021

EXPERIENCE

Freelance Web Developer <i>SpectraCode IT</i>	August 2024 – Present Canada
<ul style="list-style-type: none">Developed a landing page for Traventions, an International Business Travel Management company based in Canada. [Link: Traventions]	
Web Developer <i>Computer Society Of India (CSI)</i>	October 2023 – October 2024 SJCET, Palai
<ul style="list-style-type: none">Contributed to the development of the official CSI website for our college using React.	

PROJECTS

AI-Powered Netflix Clone <i>React.js, Redux, Firebase (Auth), Tailwind CSS, Groq, TMDB API</i>
<ul style="list-style-type: none">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
Real-Time Energy Monitoring App <i>React Native, Firebase, ESP32, CT Sensor</i>
<ul style="list-style-type: none">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 <i>Next.js, TypeScript</i>
<ul style="list-style-type: none">Created a platform for organizing and showcasing college CSE department projects, with search and filtering capabilities.Integrated features like project details, tech stacks, and guides to enhance student reference and networking.Link: CSE Project Shelf
AI Conversation and Image Generation Platform <i>Next.js, Supabase, Tailwind CSS, Clerk</i>
<ul style="list-style-type: none">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 <i>HTML, CSS, Bootstrap, JavaScript</i>
<ul style="list-style-type: none">Created an aesthetic portfolio with a custom waterdrop cursor for a UI/UX competition organized by GTech Mulearn.Link: Maveli Portfolio

TECHNICAL SKILLS

- Programming Languages** Python, JavaScript, C, Java, SQL, HTML, CSS.
- Frameworks and Libraries** React.js, Next.js, Node.js, Redux, Bootstrap, Tailwind CSS.
- Tools and Platforms** Firebase, Supabase, Git, Postman, VS Code, PyCharm, Eclipse.

ACHIEVEMENTS AND CERTIFICATIONS

- **Top 20 Coder** Secured **1st position** in a coding event conducted by IEDC Bootcamp SJCT and Mulearn SJCT.
- **Smart India Hackathon** Achieved **2nd position** in the internal college round among 31 teams.
- **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
- **NPTEL** Secured **Top 5% rank** in The Joy of Computing Using Python.

HACKATHONS ATTENDED

- **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.