Gokulkumar M

Full-Stack Developer

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Employment

Consulting services in React-Developer development   March '25 - Present
Meetup systems.

- Worked in a responsive and intuitive chat-based interface for an AI video generation platform, seamless data flow by implementing JSON schema validation.
- Developed dynamic front-end components for real-time voice customization, and video preview, significantly enhancing the interactive user experience.
- Developed an intelligent chatbot utilizing vector embeddings of webpage data to provide instant, accurate answers to property-specific inquiries.

React Developer   October '22 - March '25
Wow Media Pvt ltd.

- Developed user-friendly Admin panels and Dashboards using React and Angular to streamline data management, and built dynamic video-based Q&A platforms with jQuery for smooth playback and animations.
- Built performant, responsive web applications (SPA) with interactive features like video recording with face detection, cropping, trimming, and background effects using MediaRecorder API and MediaPipe, while also creating reliable APIs for user data management and pixel perfect UI/UX.
- Improved website performance by optimizing FCP, LCP, and Speed Index through lazy loading, code splitting, tree shaking, Preflight caching and GitHub CI/CD pipelines for Dev-Prod workflows.

Engineer- Software   November '21 - October '22
Zilogic systems

- Designed mobile apps using React Native and Kivy, enabling data syncing with Bluetooth devices for IoT, automotive, and wireless app.
- Built a pill-tracker app to help users monitor their medication, providing reminders and syncing data via Bluetooth API for real-time updates with embedded systems.
- Contributed to the Smart Monitor app, which connects with welding/cutting machines via WebSocket and JSON-RPC, enabling real-time communication and data transfer from large CSV files.
- Automated testing with Python and Robot Framework, ensuring quality control across Wi-Fi, Bluetooth, with data validation from AWS S3.

Education

- B.E. Mechanical   June '17 - May '20
  Panimalar Engineering College, Chennai

Personal details

Portfolio
gokul-kumar.netlify.app/gokul

LinkedIn
linkedin.com/in/gokulkumar-m

Github
github.com/gokul2908

Leetcode
leetcode.com/u/gokulkumar

Skills

- Javascript
- TypeScript
- Nodejs & Express
- MySQL
- CI / CD tools (Github Actions)
- Version Controller (Git)
- Python
- Next JS Framework
- MediaPipe
- WebRTC

Languages

- English
- Tamil
- Hindi