Gokul JS

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💼 PROFESSIONAL EXPERIENCE

Aerotime, Y Combinator (W21) | Founding Engineer
Nov 2022 – Nov 2023 | San Francisco, California
- Spearheaded the complete management and enhancement of the frontend infrastructure, resulting in significant improvements in web application performance.
- Contributed to the development of a JavaScript SDK as part of a team, facilitating third-party integrations and expanding the application's functionalities.
- Engaged directly with customers through discovery calls and feedback sessions, utilizing these insights to drive user-centric product development.
- Communicated critical user feedback to the company founders, playing a pivotal role in strategic decision-making and problem-solving processes.
- Deployed and managed open-source large language models like LLaMA and Stable Diffusion, substantially enhancing the company's AI capabilities.
- Employed advanced techniques from the Hugging Face library, such as DreamBooth and Textual Inversion, to optimize AI model performance and efficiency.

Tifin Fintech (Previously 1stMain) (Full stack Developer)
Mar 2022 – Nov 2022 | Bangalore, India
- Spearheaded frontend development for TIFIN Wealth using Next.js and React.js, increasing productivity by 20% through strategic scaling and responsive design initiatives.
- Streamlined application state management by implementing Redux Toolkit, significantly enhancing workflow efficiency and contributing to a 15% increase in customer satisfaction through rigorous bug fixes.
- Fostered a 50% improvement in development turnaround by creating reusable React components and integrating APIs with GraphQL and React Query for optimal frontend functionality.
- Modernized the platform by migrating to updated codebases and translating complex wireframes into user-centric websites, maintaining full adherence to project timelines.

1stMain (Full stack Developer)
Nov 2021 – Feb 2022 | Bangalore, India
- Leveraged in-depth React expertise to enhance lifecycle methods, boosting development efficiency by 40% and ensuring 100% compliance with project delivery schedules.
- Orchestrated the adaptation of over 50 client websites to meet evolving industry standards, facilitating clear communication among teams, clients, and stakeholders.
- Pioneered the integration of content management systems (CMS) like Strapi and Sanity, and executed seamless migrations between GraphQL and REST API, optimizing content flow and website interactivity.
- Collaborated with UI/UX teams to develop and deploy responsive, user-centric web applications using React.js, Gatsby.js, and Next.js, culminating in highly engaging interfaces that align with strategic visions.

🎓 EDUCATION

CMR Institute Of Technology,
B.E Computer Science and Engineering
2017 – 2021 | Bangalore, India
CGPA : 7.36

🧠 SKILLS

Languages
JavaScript, TypeScript, Python, HTML5, CSS, SASS.

Frameworks
React.js, Next.js 14, Gatsby, Vite, Node.js, shadcn/ui, Tailwind CSS, Express.js, Redux, prompt engineering, AWS SageMaker, AWS S3, AWS EFS, GraphQL, React Query, Radix, Material-UI, Bootstrap, Sass, Git, Pandas, NumPy, ELK stack, Suricata, Zeek, DOM, styled-components, Webpack, npm, RESTful APIs, Babel, Strapi CMS, Sanity CMS.

📁 PROJECTS

Intelligent Filter for Traffic Monitoring and Analysis For Cyber Threats
- Various home networks are prone to attacks without the proper configuration of security rules and firewalls.
- There are existing solutions on the cloud as a subscription-based model but they are not practical as it is very expensive and suited for large enterprises.
- Hence we provide a visualization of threats on a dashboard for the users to monitor and take necessary action against threats.
- **Language:** JSON
- **Frameworks:** Elastic search, Kibana, Logstash, Docker
- **IDS/IPS**: Suricata,Zeek

Covid Tracker ⧉
- A web platform that is built for covid tracking worldwide.
- It gives the total number of active covid cases, recovered, deceased, total deaths, etc.
- **Language:** HTML, CSS, JavaScript
- **Frameworks:** Sass, Node.js, Express.js

Machine Monitoring Tool ⧉
- A machine monitoring tool is a tool that lets us see the status of a machine at a specific point in time.
- It gives information about your system, disk usage, memory usage, network latency, etc.
- **Language:** Python
- **Frameworks**: Psutil