Gokul JS

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📍 Bangalore India ✈ https://gokuljs.com/

💼 PROFESSIONAL EXPERIENCE

Aerotime, Y Combinator (W21) | Founding Engineer
November 2022 – November 2023 | San Francisco, California

- Spearheaded the complete management and enhancement of frontend infrastructure, significantly improving web application performance.
- Contributed to the development of a JavaScript SDK, facilitating third-party integrations and expanding application functionalities.
- Engaged directly with customers through discovery calls and feedback sessions, driving user-centric product development.
- Communicated critical user feedback to company founders, influencing strategic decision-making and problem-solving.
- Deployed and managed open-source large language models like LLaMA and Stable Diffusion, enhancing the company's AI capabilities.
- Employed advanced techniques from the Hugging Face library, including DreamBooth and Textual Inversion, to optimize AI model performance.
- Implemented comprehensive analytics and telemetry systems to analyze user interactions, leading to improved UI/UX design and user flow.
- Developed a sophisticated table with virtualization, efficiently managing large datasets while maintaining performance and responsiveness.

Tifin Fintech (Previously 1stMain) (Full stack Developer)
March 2022 – November 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)
November 2021 – February 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

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

🧠 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, Elasticsearch, Logstash, Kibana, Suricata, Zeek, DOM, styled-components, Webpack, npm, REST APIs, Babel, Strapi CMS, Sanity CMS, Bull MQ, SQL, TypeOrm, Prisma, GitHub CI/CD, Clerk (Auth), Storybook.

Databases
MySQL, MongoDB, PostgreSQL

Large Language Models (LLMs)
GPT-3.5, GPT-4, Fine-tuned Stable Diffusion, Prompt Engineering, Prompt Evaluation

📁 PROJECTS

Notion ⧉
Discover Notion Clone, the modern and user-friendly productivity tool. Perfect for multitaskers and team leaders, it offers intuitive features and flexible templates. Enhanced by robust database tools and rich text/media integration, it ensures your projects are both efficiently managed and visually striking.

- **Tech Stack**: Next.js 14, Tailwind CSS, Clerk (Auth), Shadcn UI, Convex, Vercel, Zustand (State Management)

DiscoVerse ⧉
DiscoVerse: A new communication platform mirroring Discord, offering robust text, voice, and video features for communities, gamers, and educators, designed for scalability and diverse user engagement.
- **Language:** JavaScript
- **Frontend:** Next.js 14, Shadcn UI, Tailwind CSS
- **State Management:** Zustand (for global state management)
- **Backend:** Prisma,SQL (for database queries)

Advanced Image Generation: Fine-Tuning Stable Diffusion with DreamBooth Technique ⧉
Developed a fine-tuning project for AI image generation using Stable Diffusion, DreamBooth, and Text Inversion, enhancing accuracy and creativity in visualizing text descriptions.
- **Tech Stack**: AWS EFS, AWS SageMaker, Notebook, Hugging Face, Diffusers, AWS Lambda, Stable Diffusion .