

# Gokul JS

jsgokul123@gmail.com | +91 8722619539 | <https://github.com/gokuljs> | <https://www.linkedin.com/in/gokul-js/>  
<https://gokuljs.com/> | [https://twitter.com/gokul\\_js029](https://twitter.com/gokul_js029)

## Profile

I'm a creative engineer with a startup mindset comfortable wearing a lot of hats and getting my hands dirty to turn early stage ideas into real, working products. I've helped build and launch tools at YC-backed companies, contributing across engineering, product, and design. Whether it's building scalable systems, designing better user flows, or just figuring stuff out on the fly, I care about the details and the people using what I build. I move fast, learn constantly, and believe good instincts and better feedback make the best products.

## Professional Experience

### Teamble | Lead Engineer

Jun 2024 – present  
New York City (NYC), USA

- Architected and maintained high-performance web applications using Node.js and React.
- Developed a comprehensive frontend design system from scratch, implementing a pixel-perfect, scalable framework that significantly accelerated development cycles.
- Optimized APIs by migrating SQL queries and refactoring backend logic, resulting in markedly faster response times.
- Developed LLM-powered AI agents using LangGraph:
  - Created a conversational AI interface with role-based permissions for real-time data interaction.
  - Built a multi-agent system leveraging Retrieval-Augmented Generation (RAG) and fine-tuned models, enabling scalable performance review generation and AI-driven collaboration.
  - Built a powerful One-on-One Agent that aggregates data from performance and quarterly reviews to generate insightful feedback for managers before one-on-one meetings.

### Aerotime, Y Combinator (W21) | Founding Engineer

Nov 2022 – Feb 2024  
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)

Nov 2021 – Nov 2022 | Bangalore, India

- Built and maintained frontend features at TIFIN Wealth using React.js.
- Implemented Redux Toolkit for cleaner state management and reduced UI bugs.
- Created reusable components and integrated GraphQL data with React Query, improving development speed and maintainability.
- Developed interactive, real-time dashboards using Recharts for clear and responsive data visualization.

- Migrated legacy code from class components to modern function components with hooks, upgrading to the latest React version.
- Improved app performance by refactoring components and optimizing lifecycle behavior.
- Integrated CMS platforms like Strapi and Sanity for dynamic content management and flexible API workflows.
- Delivered responsive, user-focused web apps in collaboration with UI/UX teams using React.js, Gatsby.js, and Next.js.

## Education

**B.E Computer Science and Engineering**  
*CMR Institute Of Technology*

2017 – 2021 | Bangalore, India

## Skills

### Languages

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

### Backend

Node.js, Express, GraphQL, SQL, Prisma, Redis, Django, Fast API, tRPC, gRPC, Elasticsearch, Logstash, Kibana, Suricata, Zeek, Bull MQ, TypeORM, Drizzle, Clerk(Auth)

### Large Language Models and AI

LangGraph, LlamaIndex, Langchain ,Retrieval-Augmented Generation (RAG), Stable Diffusion, Prompt Engineering, Prompt Evaluation, ComfyUI, AUTOMATIC1111, IP-Adapter.

### Frontend

React JS, Next JS 14,SolidJS ,Redux, React Query, Tailwind CSS, Material UI, Recharts, Chart.js, Vite, Zustand, Bootstrap, Gatsby JS, shadcn/ui, GSAP, Radix, Jotai, Storybook

### Databases

PostgreSQL, MySQL, MongoDB, DynamoDB,

### Cloud and DevOps

AWS (S3, ECR, EC2, etc...), Docker, GitHub CI/CD, Vercel (serverless)

## Projects

### Mailyx

#### Live on Product Hunt

Designed and launched a minimalist, AI-powered email client focused on clarity and productivity. Mailyx intelligently prioritizes important emails, enhances search using AI-driven context, and enables seamless keyboard-first navigation all within a sleek, distraction-free interface.

- **Tech Stack:** Vercel (Serverless, Next.js 15), PostgreSQL, Clerk (Auth), Drizzle (ORM), Redis (Caching), tRPC, Retrieval-Augmented Generation (RAG)

### 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)

### Custom GPT

Developed an API wrapper for OpenAI's GPT models, enhancing interaction and customization capabilities. Future updates will integrate other open-source models like Mistral and Llama3 for flexible model testing.

- **Tech Stack:** Next.js 14, OpenAI API, Tailwind CSS, Shadcn UI, Convex, Vercel

## Hobbies

**Bouldering** - Practicing strategic problem-solving and focus in high-pressure scenarios.

**Strength Training** - Building discipline through structured routine and goal tracking