

# 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, Bull MQ, SQL, TypeOrm, Prisma.

## 📁 PROJECTS

### 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)

### Intelligent Filter for Traffic Monitoring and Analysis For Cyber Threats

- Home networks are vulnerable to cyber threats due to inadequate security configurations, and existing cloud-based solutions are expensive and tailored for large enterprises.
- We offer a user-friendly dashboard to visualize and monitor cyber threats, enabling users to take timely action against potential security breaches.
- **Language:** JSON
- **Frameworks:** Elastic search, Kibana, Logstash, Docker
- **IDS/IPS:** Suricata, Zeek

### 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 .