

Gautham Krishna S

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PROFESSIONAL SUMMARY

Full-stack React.js developer with hands-on experience building scalable web applications using Next.js 14+, TypeScript, and modern React patterns. Proven expertise in developing responsive UI components, integrating REST APIs, and implementing real-time features with Firebase and state management solutions. Passionate about the ever-growing automotive industry and creating optimized, production-ready applications with React.js, TailwindCSS and AI-driven features in fast-paced startup environments.

EDUCATION

Indian Institute of Technology Madras

Bachelor of Science (BS) Degree in Data Science and Applications

CGPA - 9.17

May 2023 – May 2027

Saveetha Engineering College

Bachelor of Technology, Artificial Intelligence and Machine Learning

CGPA - 8.85

Sep 2023 – May 2027

PROJECTS

AcademiaSync | *Next.js, React.js, TypeScript, Node.js, PostgreSQL, Docker*

- Built cloud-native learning platform with Next.js App Router, TypeScript, and shadcn/ui components
- Implemented OAuth authentication, role-based dashboards, and microservices with 3 specialized APIs
- Deployed with Docker containers and hosted the application in multi-cloud (GCP and AWS)

Smart Tasker | *Next.js, React.js, TypeScript, Firebase, TailwindCSS*

- Developed AI-powered task management app with real-time Firestore sync and Google Calendar integration
- Built responsive React components with TailwindCSS, achieving 98% mobile compatibility score
- Integrated Google Gemini AI for smart date parsing and task prioritization with REST API calls

Mitra Sense | *React.js, FastAPI, Firebase, Google Vertex AI, MongoDB*

- Created Progressive Web App with React for AI-powered mental health platform supporting voice input
- Implemented real-time chat interface with Socket.IO and Firebase authentication with MongoDB
- Optimized React components for mobile-first experience with 95% PWA audit score

EXPERIENCE

Software Engineer Intern

Sep 2025 – Oct 2025

Presidio

- Developed cloud-native learning platform using Node.js, Express.js, React, and Docker.
- Built RESTful APIs with PostgreSQL integration, JWT authentication, and role-based authorization.
- Deployed microservices with CI/CD pipelines on AWS and GCP, improving scalability by 40%.
- Collaborated with cross-functional teams using Git, code reviews, and agile development practices.

Event Coordinator

Oct 2024 – Dec 2025

Google Cloud Platform, IIT Madras

- Coordinated technical bootcamp for 500+ participants earning 18 AI/ML and cloud development certifications
- Facilitated hands-on workshops building GenAI applications using Vertex AI, Gemini, and Cloud APIs
- Managed project delivery using cloud-native tools including Dataplex, Looker, and API Gateway for data analytics
- Achieved 95% completion rate and top 5% national ranking through effective project management and mentoring

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3, Python, SQL

Frameworks: React.js, Next.js, Node.js, Express.js, Redux, React Query, TailwindCSS, Bootstrap

Databases: Firebase, PostgreSQL, MongoDB, SQLite

Developer Tools: Git, Docker, Webpack, Vite, VS Code, Chrome DevTools, GitHub Actions

Libraries: React Router, Axios, React Hook Form, shadcn/ui, Socket.IO, Chart.js, Recharts

Other Skills: REST APIs, State Management, Responsive Design, PWA, Cross-browser Testing, OAuth 2.0

Certificates: Next.js Complete Guide, React TypeScript Mastery, Google Cloud AI Practitioner