

# Gokul Priyan Sundararaj

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## Education

Thiagarajar College Of Engineering

Bachelor of Technology - Information Technology

July 2022 – Present

Madurai, Tamil Nadu

## Technical Skills

**Programming and Frontend** : Java, React js, Tailwindcss, JavaScript (ES6+)

**Backend**: Python ,Flask

**Database & Hosting** : Firebase (Realtime Database & Authentication) , MongoDB , Vercel , CloudFlare

**Domain**: Full Stack Development

**Version Control & Deployment** : Git & GitHub , CI/CD (basic with GitHub Actions or Firebase Hosting)

## Projects

### Decentralized crowdfunding

React , Firebase, TailWindCSS, ThirdWeb

- Built a decentralized crowdfunding platform enabling transparent and secure fundraising through smart contracts.
- Streamlined campaign creation processes, empowering users with ownership and real-time transaction visibility. [\[View\]](#)

### AI-Powered Course Recommendation and Learning System

GenAI, YouTube Data API, ReactJS, Firebase

- Developed a YouTube-based learning platform with personalized course paths and video recommendations using Gemini Pro.
- Auto-generated quizzes and summaries with interactive Q&A from transcript data to aid learning. [\[View\]](#)

### OTT Platform

React js, Tailwindcss, Firebase

- Developed an OTT platform featuring seamless video streaming, user authentication, and personalized content browsing experience.
- Implemented a scalable backend with real-time data handling to support dynamic content updates. [\[View\]](#)

### Fake News Detection

Flask, React js, TailwindCSS, Python, Tensorflow

- Developed an intelligent system to detect fake news by integrating web scraping, machine learning models
- Implemented a pipeline for real-time data extraction and classification to enhance the accuracy and efficiency of news verification. . [\[View\]](#)

### SHA512 Web Tool – Client-Side Secure Hash Generator

HTML/CSS, JavaScript, GitHub Pages

- Built a lightweight, client-side web application to generate SHA-512 hashes from user input text or uploaded files, ensuring complete privacy with in-browser processing.
- Implemented features like instant hash generation, support for large files, dark/light theme toggle, and full mobile responsiveness. [\[View\]](#)

## Experience & Internships

### STAR BLIND WELFARE TRUST PORTFOLIO SITE

HTML/CSS, JavaScript, Bootstrap, GitHub Pages

- Created and launched a responsive website to highlight the services and activities of the STAR Blind Welfare Trust. Implemented accessible design and contact forms to support visually impaired individuals. [\[View\]](#)

### TCE HR CONCLAVE 2025 WEBSITE

ReactJS, Firebase, Tailwind CSS

- Developed and deployed the official event site for the “National Innovation Conclave 2025” using ReactJS, Tailwind CSS, and Firebase, with features including speaker bios, schedules, and registration. [\[View\]](#)

## Certifications

- Certified for creating **Real Venture** offered by Wadhwani foundation.
- Certified as a **Software Developer Trainee** at Ariv Executions, Madurai.

## Achievements

- Winner at **HackFest INFINIX’25** hosted by Thiagarajar College of Engineering for developing an innovative web solution.
- Runner (2nd Prize) at **NeonHacks’25** hosted by Velammal College of Engineering and Technology for developing an AI-integrated personalized learning system.
- Winner at **Festember’25** , hosted by the National Institute of Technology,Tiruchirappalli for Gaming
- Winner at **Yugam’25** , hosted by the Kumaraguru College of Technology for Food Photography