Gokul Siva

gokulsiva1101@gmail.com | LinkedIn | GitHub | Portfolio | Leetcode

SKILLS

LANGUAGES
Python • JavaScript • SQL
FRONTEND
React.js • Tailwind CSS • HTML/CSS • Material-UI • Selenium
BACKEND
Python • Flask • FastAPI • REST API
DATABASES
MongoDB • Firebase • SQLite • MariaDB
TOOLS
Git • Docker • Postman • Clerk • N8N • JWT Auth • Render

EDUCATION

SRI SAIRAM ENGINEERING COLLEGE
BE Computer Science | CGPA: 8.06/10
Sep 2023 - Expected May 2027 | Tambaram, Chennai

IIT MADRAS
BS Data Science (Online) | Foundation Level-1 Completed
Started Dec 2024 - June 2025

PROJECTS

SPENDWISE | AI Powered Predictive Budget Platform
Sep 2025 - Dec 2025 | Python, Flask, React, PyJWT, Gemini API
Developed a predictive expense tracker using Flask and React to solve reactive budgeting. Engineered Python pipelines to analyze spending history and generate AI-driven forecasts. Secured data with stateless PyJWT authentication and custom middleware. GitHub | Live Demo

TASKFLOW | Smart To-Do Application
Jul 2025 | Python, Flask, React, N8N, REST API
Built a task automation platform that integrates n8n workflows to auto-generate and email daily Excel task reports. Reduced daily reporting time by 30 minutes through automated scheduling. Demonstrated proficiency in backend logic, database management, and workflow automation. GitHub | Live Demo

KODIVIAN TECHNOLOGIES | Full Stack Intern
June 2025 – July 2025 | Chennai, TN
Developed an Asset Management & Reimbursement System using **Frappe(Python)** and **MariaDB**, replacing manual tracking with a centralized database solution.
Implemented a **Dockerized setup** using existing repositories and YAML configurations to eliminate Linux dependencies, enabling environment setup in under 30 minutes.
Created 3 comprehensive technical guides on Frappe architecture, reducing the team's research time by **~50%** and accelerating development cycles.

READ AND DESIGN IMAGING | Intern | Web Scraping
June 2024 – July 2024 | Chennai, TN
Built automated **Python** crawling scripts to extract web accessibility insights, reducing manual data entry time by 60%.
Analyzed compliance data to identify gaps and support the design team's audit process.
Streamlined internal reporting by building custom automation tools that saved over 2 hours of manual work weekly.

CERTIFICATIONS & ACHIEVEMENTS

NPTEL
Programming, Data Structures & Algorithms using Python - **Elite** (2025)
Python for Data Science - **Elite** (2024)
Joy of Computing using Python - **Silver** (2025)
Introduction to IoT - **Silver** (2025)

INDUSTRY CERTIFICATIONS
IBM SkillsBuild: Shaping the Future with Intelligence (AI) (2025)
MongoDB: MongoDB Basics for Students (2025)
Automation Anywhere: Certified Essentials Automation Professional (2025)

LANGUAGES

English   (Read, Write, Speak)
Tamil   (Read, Write, Speak)
French   (Read)

AWARDS

MENTOGRAM HACKATHON | Top 10 Finalist
2025
Selected as a Top 10 Finalist among hundreds of teams, recognized for developing an innovative solution under strict time constraints.

IBM HACKATHON | Top 50/350 Team
2025
Selected as a Top 50 team nationwide for developing a functional MVP that addressed key problem statements using AI-driven solutions.