

Sudhan Santhosraj J

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LeetCode

GFG

GitHub Profile

LinkedIn Profile

EDUCATION

- Apollo Engineering College** Nov 2021 - June 2025
Bachelor of Engineering, Computer Science and Engineering CGPA: 8.21

FREELANCING

- CB's Kitchen** August 2025
Freelance Web Developer
 - Developed a fully responsive food ordering website for CB's Kitchen using **HTML, CSS, JavaScript, and React**, integrating WhatsApp automation to streamline customer orders and improve communication efficiency by **40%**.
 - Implemented **SEO-optimized pages, lazy-loaded images, and a mobile-first UI**, enhancing page performance and engagement. Deployed on **GitHub Pages** for fast, reliable, zero-downtime hosting.
 - Project Link:** <https://silentcodr.github.io/CB-Kitchen/>

PROJECTS

- AI-Driven Medical Fundraising Verification System | GitHub Link**
Built a Python/Flask-based AI system for detecting fraudulent fundraising cases.
 - Integrated YOLOv8 and PaddleOCR** for document extraction and fraud pattern detection, improving verification accuracy by **35%**.
 - Automated the entire verification workflow** in Flask, reducing manual review effort by **50%** and speeding up flagging of suspicious cases.
 - Built a responsive dashboard UI** using Bootstrap and JavaScript for seamless user interaction and real-time insights.
- Secure Credential Generator & Manager | Live Link**
Developed a secure Spring Boot application for generating, encrypting, and managing application-specific credentials.
 - Built secure REST APIs** using Spring Boot to generate usernames and strong passwords with application-specific rules and validation.
 - Implemented AES encryption and Spring Security** to securely store credentials and protect endpoints using Basic Authentication.

TECHNICAL SKILLS AND INTERESTS

Programming Languages: Core Java, JavaScript
Backend Development: Spring Boot, REST APIs
Databases: MySQL, Oracle SQL
AI-Assisted Development Tools: Cursor AI, AntiGravity AI
Generative AI Exposure: Using AI tools for code generation, debugging, and workflow automation
Developer Tools: Git, GitHub, Postman, Eclipse
Areas of Interest: Software Development, Backend Engineering, AI-assisted Coding

COURSES & TRAINING

- Elements of AI — MinnaLearn, University of Helsinki**
2 ECTS credits online course on Fundamentals of AI.
- SQL Masterclass: Basics to Expert — Udemy**
Issued on: Sep 27, 2025 | Issued by: Udemy
- Java Full Stack Development — JSpiders**
From July 2025 to December 2025 (Ongoing).

CERTIFICATES

Accenture: Software Engineering Job Simulation — Certificate
Coursera: Lead Generation Chatbot — Certificate
Elements of AI — MinnaLearn, University of Helsinki — Certificate
SQL Masterclass: Basics to Expert — Udemy — Certificate