

SANJAI AMARNATH R

SOFTWARE DEVELOPER

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EDUCATION

B.E. COMPUTER SCIENCE AND ENGINEERING

Dr. Mahalingam College of Engineering and Technology, Coimbatore

CGPA: 8.2 (Current) | 2022 – 2026

HSC

Lourde Matha Convent Matric Hr. Sec. School

72% | 2022

SSLC

Lourde Matha Convent Matric Hr. Sec. School

74% | 2020

SKILLS

TECHNICAL SKILLS

- Programming Languages: C, C++, Java, Python, Kotlin
- Web Development: HTML5, CSS3, JavaScript
- Database Management: MySQL, MongoDB
- Tools & Technologies: Git, VS Code, Android Studio, Postman

SOFT SKILLS

- Communication: Excellent verbal and written communication in Tamil and English
- Problem-Solving: Analytical Thinking, Root Cause Analysis
- Teamwork & Adaptability
- Time Management & Multitasking

CERTIFICATIONS

- B2 in Linguaskill Business English
Cambridge University
Jul 2023
- The Joy of Computing Using Python, NPTEL
Apr 2024

PROFESSIONAL SUMMARY

Computer Science Engineering student with a strong foundation in software development and problem-solving. Skilled in building web and application solutions, working with databases, and developing real-time systems. Eager to contribute to innovative projects, learn continuously, and deliver impact as a software developer.

INTERNSHIPS

- Digital Marketing Intern** Jun – Jul 2024
3-Monks Digital, Coimbatore
Worked on social media marketing, SEO analysis, keyword research, and content optimization using Hootsuite and SEMrush.
- Web Development Intern** Jan – Apr 2026
VGM Soft Tech, Coimbatore
3-month internship in web development involving workflow implementation, website development, testing, debugging, and industry best practices.

PROJECTS

- Smart Traffic Light System** Feb – Mar 2024
Real-time vehicle detection, counting and dynamic traffic signal timing based on traffic density using Python, OpenCV, NumPy.
- Smart Bus Tracking System** Jun – Aug 2024
Real-time bus tracking and route management system using Flutter, Spring Boot, MongoDB, and OpenStreetMap.
- Smart Medicine Dispensing System** Jan – May 2025
Server-verified prescriptions with automated, sensor-verified dispensing using Flutter, Spring Boot and MongoDB.
- Freelance Project: Smart Aeroponics & Hydroponics System** Jun – Nov 2025
IoT-based automation system for aeroponics and hydroponics with sensors and automation using Spring Boot, MongoDB, Flutter.
- Online Exam Proctoring System** Jan – May 2026
AI-assisted online examination system with candidate authentication, real-time monitoring, violation detection, and automated reporting using Java, JavaFX, Spring Boot, MongoDB, HTML, CSS, JavaScript.

ACHIEVEMENTS

- Runner up at 24-hours web-hackathon – M Kumaraswamy College of Engineering, Karur. Apr 2024
- Participated at Connetix Paper Presentation – KGISL, Coimbatore. Oct 2024
- Participated at Hacked 3.0 – BML Munjal University (BMU), Gurgaon. Jan 2026

RESEARCH & PUBLICATIONS

- Secure Exam Invigilator – ICAETI 2026, Sri Ramnathar Institute of Engineering and Technology, Coimbatore.
Accepted for publication in a Scopus-indexed proceeding/journal.

EXTRACURRICULAR ACTIVITIES

- Volunteered at E-Seva camp at Dr. Mahalingam College of Engineering and Technology. Sep 2023
- President – Youth Parliament Club, Dr. MCET. Jun 2024 – Jun 2025
- Media Editor – Digi-Flash, Dr. MCET. Jul 2024 – Dec 2025