




Sanjai Sabari

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OBJECTIVE

A dedicated technology enthusiast with a passion for creating seamless and efficient web applications. With expertise in full stack development, I design and implement solutions that prioritize both functionality and user experience.

EXPERIENCE

GENERATIVE AI CONSORTIUM & SYSTIMANX | AI/MACHINE LEARNING INTERN

2024 | Remote

- Selected for a competitive 6-week internship focused on real-world machine learning applications and industry practices.
- Contributed to the development and deployment of AI models, including data preprocessing pipelines and model evaluation.

INTERACTIVE WEB-BASED GAME DEVELOPMENT | FRONTEND DEVELOPER

2024 | Remote

- Engineered a gamified platform for learning Python and Machine Learning using interactive, real-time gameplay mechanics.
- Developed features such as live coding battles, performance-based achievements, and responsive UI using HTML, CSS, and JavaScript.

PROJECTS

FARMER MARKET APP | FULL-STACK DEVELOPMENT

2024 | Remote

- Built a platform for farmers to sell products directly to consumers.
- Developed using Python, HTML, CSS, JavaScript for seamless UI and backend.

REACT & NODE.JS APP | FULL-STACK DEVELOPMENT

2024 | Remote

- Created a full-stack app using MERN stack and RESTful APIs.
- Focused on data flow, scalability, and MongoDB integration.

SMART PARKING SYSTEM | MACHINE LEARNING

2024 | Remote

- Developed a smart parking detection system using a Convolutional Neural Network (CNN) and OpenCV.
- Designed a web-based interface to display real-time parking availability.

PRS FABRICS | CONSULTANCY PROJECT

2024 | Remote

- Developed an inventory, billing, and product showcase portal.
- Built using React, Node.js, Express, and MongoDB.

BLIND SPOT DETECTION SYSTEM (CSR) | IoT SAFETY SYSTEM

2024 | Remote

- Designed an IoT system to detect vehicle blind spots and send alerts.
- Used Raspberry Pi, ultrasonic sensors, and Blynk for real-time monitoring.

LEADERSHIP

NATIONAL CADET CORPS (NCC) | SENIOR CADET – ARMY WING

2022 – Present | Kongu Engineering College, Tamil Nadu

SKILLS

PROGRAMMING

Proficient:

• C • JavaScript • Python
SQL • CSS • HTML

Experienced:

• Python • C++

Familiar:

• Java

FRAMEWORKS (MERN)

• MongoDB • Express.js •
React • Node.js

PLATFORMS

• Git • MySQL

EDUCATION

KONGU ENGINEERING COLLEGE

B.E. IN COMPUTER SCIENCE AND
ENGINEERING (PRE-FINAL YEAR)
2022 – 2026 | Perundurai, Tamil Nadu
CGPA: 7.60 (Till Semester 5)

GHSS PERUMANALLUR, TIRUPUR

HIGHER SECONDARY CERTIFICATE
(HSC)
2020 – 2022 | Tirupur, Tamil Nadu
Percentage: 82.67%

GHS PANDIAN NAGAR, TIRUPUR

SECONDARY SCHOOL LEAVING
CERTIFICATE (SSLC)
2019 – 2020 | Tirupur, Tamil Nadu
Percentage: 72.80%

AWARDS

2nd Prize: HackFest, KEC CSE
Department

2nd Prize: EXODIA 2023 at
KEC conducted by IEEE club

3rd Prize: GCT Paper
Presentation – Stroke
Prediction

Recognition: Honored at the
41st Annual Day for
achievements in external paper
presentations