SANJAY KUMAR M

AI ENGINEER / FULL STACK DEVELOPER

🌐 sanjayKumar-Codes.github.io

ABOUT ME

I am an AI engineer and full-stack developer with a strong foundation in both artificial intelligence and software development. While my primary expertise lies in AI and data analysis, I have developed a solid understanding of the software development process and have contributed to various stages of the product lifecycle. I am committed to writing efficient, well-structured code and continuously enhancing my skills to support the development of reliable and scalable applications. My passion for problem-solving and continuous learning drives me to explore new technologies and methodologies in the software development domain.

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EDUCATION

WORK EXPERIENCE

TECHNICAL SKILLS

PROGRAMMING LANGUAGES:

- Python
- Java

WEB DEVELOPMENT

- HTML
- CSS
- JavaScript
- React.js

DATABASE TECHNOLOGIES

- MySql
- MongoDB

FRAMEWORKS

- Spring Boot
- Flask
- Django

EDUCATION

BTECH IN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Panimalar Engineering College
(2021-2025)
CGPA : 8.6

HSC

Nalanda Matric Higher Secondary School
2021
percentage : 92.8

SSLC

Cambridge Matric Higher Secondary School
2019
percentage : 91

Language

- English - Advanced
- Tamil   - Full proficiency
- Telugu   - Basic proficiency

Zigson Technologies Pvt. Ltd. - Internship
Jan 2024

Full Stack Web Developer

- Implemented responsive design principles, ensuring an optimal user experience across various devices.
- Designed and developed a customized portfolio website, demonstrating expertise in both front-end and back-end technologies.

CodersCave - Internship
Aug-Sep 2023

Data Analyst

- Developed Python code for email spam detection, enhancing cybersecurity measures within the organization.
- Analyzed terrorism datasets, extracting meaningful insights to support informed decision-making on security strategies.

Edunet Foundation - Internship
June-July 2023

Data Analyst

- Analyzed superstore data, providing valuable insights for optimized inventory and operational efficiency.
- Collaborated cross-functionally to contribute to data-driven decision-making processes.
- Utilized advanced analytics tools for pattern recognition and trend analysis.

Research Works

1. **Title :** Determination of Gout Disease using Machine Learning
2. **Title :** Know Your Law (KYL) : A Lawbot For Empowering Citizens
3. **Title :** Trash To Treasure : Bin Rewards Transforming waste disposal into a rewarding experience

Achievements

- Secured First place in a coding competition (final year) and Second place (second year).
- Campus Ambassador for Rinex Technologies.
- Coordinated Achievers Day.
- Event Coordinator for Symposium.

PROJECTS

LawBot

- Developed an AI-based chatbot to provide legal advice and information to users, utilizing natural language processing and deep learning algorithms.

Student Management System

- Developed a full-fledged management system to handle student records, using HTML, CSS, JavaScript and MySQL for database with PHP as a server side scripting language .

Medical Waste Management

- Developed a web application for tracking and managing medical waste, ensuring compliance with regulations using HTML, CSS, JavaScript and MySQL for the database, with PHP as a server side scripting language .

Medi-Chatbot

- Designed a healthcare chatbot to assist patients with medical queries, using machine learning for accurate response generation.

AI Mouse

- Created an AI-powered mouse control system that uses computer vision for cursor movement and click actions.

CERTIFICATES

- Joy of computing with python - NPTEL

- Oracle Cloud Infrastructure 2024 Generative A1 Certified Professional

- Google Cloud career readiness Cloud Digital Leader track

- Learn Data Analytics using SQL and Python

- BIg Data 101 - IBM SkillsBuild

- Data science for the Beginners - Nasscom

HOBBIES

- Reading Books

- Learning new skills

- Exploring new AI Tools

- Listening to podcasts