

Sanjay Kumar S

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🔗 Sanjaykumar-67

About

Enthusiastic Information Technology undergraduate with strong skills in Python, Java, and full-stack development. Hands-on experience in IoT systems, AI-driven projects, and data-driven applications through hackathons and internships. Passionate about solving real-world problems, leading teams, and continuously advancing technical expertise.

Areas of Interest

AI and Machine Learning, AI-Powered Full Stack Development, Cloud Computing, and Data Science. Focused on building scalable, intelligent, and cloud-integrated applications.

Experience

TECHENCLAVE

DataSciencece - Intern - Virtual

June 2025 – July 2025

- Data collected, cleaned, and analyzed to extract meaningful insights.
- Built and tested Basic Machine Learning Models using Python.
- Created clear visualizations and reports to support team projects.

Projects

DYNAMIC IOT INTEGRATED SMART EMERGENCY RESPONSE SYSTEM

Response System [↗](#)

- Developed a real-time IoT emergency detection and alert system for smart cities
- Designed a scalable system for smart cities to improve public safety
- Tools Used: Python, Node.js, AWS IoT Core

VISION CAPTION-AI

Vision Caption [↗](#)

- Developed an AI-powered image caption generator using BLIP Transformer models to generate meaningful descriptions for images
- Designed a simple GUI for quick image captioning.
- Tools Used: Python, Pillow, PyTorch, Hugging Face Transformers

RULE-BASED CHATBOT

Chat Bot [↗](#)

- Built a rule-based chatbot using Python, CLI, and basic NLP techniques for user query handling.
- Implemented if-else logic and pattern matching to design effective conversation flows.
- Tools Used: PYTHON, CLI, BASIC NLP TECHNIQUES,SQLite3

Technologies

Languages: Python, Java, C/C++ , SQL

Technologies: MongoDB, MySQL, SQLite3

Soft Skills : Team Collabration, Problem Solving, Time Management, Communication, Poster Making , Leadership

Tools : Git/GitHub, Visual Studio Code, Canva, Linux

CERTIFICATIONS

Complete Front End Development

Introduction to MySQL

MongoDB

Platform :Infosys Springboard

COURSEWORK

Database Management Systems

Data Structures and Algorithms

Object-Oriented Programming

Education

JEPPIAAR ENGINEERING COLLEGE

Expected May 2027

B.Tech - Information Technology

- CGPA: 8.19/10.0

INDIRANAGAR COMPOSITE P.U COLLEGE

Mar 2023

Pre University College [PUC]

- PERCENTAGE: 79.64%

S.M.K HIGH SCHOOL

Jul 2021

SSLC

- PERCENTAGE: 77.83%

Achievements

Earned HackerRank Python 3-star for programming proficiency

Earned HackerRank 2-star for Problem Solving

Runner-up in Poster Making Competition at FuturaX 2025.

LANGUAGES

English : Advanced

Kannada : Advanced

Tamil : Intermediate

Hindi : Advanced

TECH PROFILES

Portfolio : sanjaykumar-s.netlify.app .

Leet Code : [SanjayKumar2005s](https://leetcode.com/SanjayKumar2005s) .

HackerRank: : [sanjaykumar S](https://www.hackerrank.com/sanjaykumar-S) .

GitHub : [Sanjaykumar-67](https://github.com/Sanjaykumar-67) .