

SAGAR K

INFORMATION SCIENCE & ENGINEERING • SRI VENKATESHWARA COLLEGE OF ENGINEERING

☎ +91 7892116968 | ✉ sagarskvp424@gmail.com | GitHub Profile | LinkedIn Profile | Bengaluru | Karnataka

Objective

Aspiring Software Engineer with strong fundamentals in Python, Django, MySQL, and Generative AI (LLMs). Seeking an entry-level role to build scalable applications, contribute to real-world projects, and grow as a backend/software developer.

Technical Skills

Language: Python

Frameworks & Databases: Django, MySQL

AI / Generative AI (LLMs): Understanding of LLM concepts, Prompt engineering, LLM-based application usage

Web Tech: HTML, CSS

Coursework: Data Structures Algorithms, Object Oriented Programming, Database Management Systems

Soft Skills: Leadership, Time Management, Planning, Communication, Teamwork

Internships

Web Development Intern – Varcons Technologies Pvt Ltd

Jun. 2023 – July. 2023

- Worked with the web development team to build web templates.
- Collaborated with team members on front-end tasks such as UI development, layout design, and integration using HTML and CSS

Cloud Computing Intern – Rooman Technologies Pvt Ltd

Nov. 2024 – Dec. 2024

- Gained hands-on experience with AWS, Azure, and GCP fundamentals
- Learned SDLC, deployment basics, and cloud service concepts

Projects

AI powered Virtual Mouse

Feb. 2025 – May. 2025

- Developed an AI-powered virtual mouse using real-time hand gesture recognition
- Implemented computer vision techniques to map hand movements to mouse actions such as click, scroll, and drag-and-drop
- Enabled touchless human-computer interaction to improve accessibility and user experience

Automation Testing of E-Commerce Website: Automation test store

July. 2024 - Aug. 2024

- Automation testing of an e-commerce website using Selenium WebDriver involves several key steps to ensure that the website's functionality, performance, and user experience are thoroughly tested.
- Python Environment: Ensure Python (latest stable version) is installed and configured on your system.
- Package Management: Use pip or virtual environments to manage project dependencies.
- IDE: Utilize Visual Studio Code (VS Code) for efficient coding, debugging, and project management.

API Based Telegram BOT

May. 2024 – July. 2024

- Developed chat-based interfaces and Telegram bots using the official Telegram Bot API
- Proficient in multimedia handling, including media encoding, decoding, and compression
- Worked with libraries such as FFmpeg, LibAV, and GStreamer for media processing
- Designed, implemented, and deployed solutions for automation, data processing, and user interaction within messaging platforms

Certifications

- Generative AI for Beginners: Build AI Chatbot – JENNYS LECTURES
- Certified Professional In Python – Infosys Spring Board

Education

Sri Venkateshwara College of Engineering (NBA Accredited)

BE – INFORMATION SCIENCE AND ENGINEERING

2021 - 2025

- CGPA: 8.7

VIDHYANIDHI INDEPENDENT PU COLLEGE

(PCMB)

2019 - 2021

- PERCENTAGE: 96%

MABL HIGH SCHOOL

10TH GRADE

2018 - 2019

- PERCENTAGE: 92.96%

Languages

ENGLISH, KANNADA, TELUGU, HINDI