

# SAGARK

INFORMATION SCIENCE & ENGINEERING • SRI VENKATESHWARA COLLEGE OF ENGINEERING

□ +91 7892116968 | □ sagarskp424@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

10<sup>TH</sup> GRADE

2018 - 2019

- PERCENTAGE: 92.96%

## Languages

---

ENGLISH, KANNADA, TELUGU, HINDI