

SASIKUMAR V

Phone: +91 9342670019 || sasikumarvase@gmail.com || <https://leetcode.com/u/sasikumar-123/>

<http://www.linkedin.com/in/sasikumar-v-93bb72242>

Summary:

Skilled in advanced data analysis, visualization, and software development, with expertise in Python, SQL, and Power BI. Proven ability to deliver innovative solutions through projects like virtual fitness monitoring and ISL gesture-to-speech conversion. Seeking opportunities to leverage technical expertise to solve business challenges and drive impactful outcomes.

Education:

- **Adhiyamaan College Of Engineering - Anna University | 2021-2025**
Bachelor of Engineering in Computer Science and Engineering . **GPA: 8.34** (Till 6th Semester)
- **Swamy Vivekananda School**
 - **12th Grade: 87% | 2020 - 2021**
- **10th Grade: 84% | 2018 - 2019**

Work:

Data Science intern - Inspire Softech Solutions | Dec 2023 – Jan 2024

- Worked on real-time projects involving Python for Data Science.
- Conducted data preprocessing, analysis, and dashboard creation.

Flutter Developer - Globout | July - Sep 2024

- Collaborated with a team to develop and enhance app features.
- Improved documentation processes to streamline task tracking.
- Utilized Git for version control and team collaboration.

Data Science intern - Nullclass | Sep-Nov 2024

- Preprocessed raw data and created dashboards using Power BI.
- Utilized SQL to manage and query databases efficiently.

Projects:

1.Implementation of virtual fitness monitoring using ML

Sep 2024

- [GitHub Repository](#)
- Developed a system to predict vital signs (heart rate, blood pressure, respiratory rate) using facial recognition.
- Utilized frameworks such as OpenCV and Scikit-learn.

2.Indian Sign Language gesture to speech conversion (ISL)

Nov 2024

- Designed a solution to translate Indian Sign Language gestures into multi-language speech.
- Tools: Python, GTTS, Pycharm, Power BI.

Skills and Programming:

Technical Skills:

- Programming Languages: Python, SQL, HTML, CSS.
- Frameworks/Tools: Kivy, Numpy, Pandas, Matplotlib, OpenCV,, Excel, UI and UX.
- Data Science: Data Analysis, Data Visualization, Machine Learning.
- Platforms: Android Studio, IntelliJ IDEA, VS Code,Pycharm, Power BI, Figma,Canva.

Soft Skills:

- Communication
- Problem-solving
- Collaboration
- Team management

Achievements and Certifications:

- IJATEM Journal on ISL – [Publication](#) | Nov 2024
- Digital Software Engineering and DevOps by TCS | Feb 2024
- Introduction to Industrial 4.0 and Industrial by NPTEL | Jan - Apr 2024
- ESG Virtual Experience Program by TCS | June 2023
- Attended workshops on AWS, ML, and DL
- Presented papers and participated in AI with Python Course.

Languages Known: • English, Tamil, Telugu, Kannada.