# SAI SRINIVAS KEESARI

+1 (980) 250 - 3829          11823 Clems Branch Drive,          saikeesari2000@gmail.com
Charlotte, NC, 28277

## PROFESSIONAL SUMMARY

Passionate and motivated Computer Science enthusiast with extensive experience in Python, Java, SQL, and web development. Strong interest in developing innovative, user-friendly applications and leveraging technical skills to solve complex problems. Enthusiastic about the limitless potential and constant learning in computer technology.

## EDUCATION

**Bachelors of Technology in Information Technology**          **Jul, 2018 - Jul, 2022**
Vignana Bharathi Institute of Technology                                    Telangana, India
**GPA** : 7.40 out of 10

## SKILLS

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|---|---|
| **Programming Languages** | Python, Java, C++, C |
| **Database Technologies** | PostgreSQL, SQL, MongoDB, Excel, Microsoft Access |
| **Cloud Platform** | GCP, AWS, Azure |
| **Web Technologies** | Django, AngularJS, NodeJS, React, HTML, CSS, JavaScript |
| **Developer Tools** | BitBucket, Jira, Git, Eclipse, VS Code, Agile, pgAdmin, Jenkins |
| **IoT** | RaspberryPi, Arduino UNO |
| **Artificial Intelligence Technologies** | TensorFlow, Open AI, Botpress |

## PROJECTS

**AInspecto,** *BigTapp Analytics*

- Utilized Python and its libraries to create a Machine Learning Model, to identify damages to a vehicle.
- Automated report generation process, based on the damages found.

**AI Onboarding Manager,** *RadicalX*

- Assisted in the designing and development of AI Model, which mimicked the work of an Onboarding manager.
- Collaborated with the team to implement AI Algorithms and improved existing models.

**MAD5 Index,** *BNP Paribas*

- Built components to display the performance charts, by displaying line graphs and histograms dynamically.
- Worked with the Production, Development and Test team to provide a seamless DevOps Pipeline solution.
- Participated in Continuous Improvement and Optimization of the Automation model.

**Executing SQL Queries using Voice Commands,** *Vignana Bharathi Institute of Technology*

- Wrote an algorithm to convert the Natural Language to an SQL query to make querying more efficient and easier using Python and NLTK Libraries
- This was later submitted to college to make SQL Learning easier and more robust.

**College Marketplace Website,** *Vignana Bharathi Institute of Technology*

- Worked on a website to facilitate school / college going students to buy / sell their notes, stationary items, notebooks, textbooks, etc., by developing a marketplace website.
- Utilized WebSocket API to facilitate communication and chatting between the parties, HTML, CSS, JavaScript for FrontEnd and PhP for Backend operations.

## PROFESSIONAL EXPERIENCE

**Company : IDEA Lab Kids**                                            **Jun, 2023 - Present**
**Position : Teacher/ Instructor**

- Developed and delivered engaging curriculum for 3D printing, Python coding, and Minecraft mod development using Java courses.
- Utilized effective teaching strategies to ensure student comprehension and engagement.
- Provided individualized instruction and support to students with varying levels of expertise.

**Company : BigTapp Analytics**                                      **Mar, 2023 - May, 2023**
**Position : Data Science Intern**

- Implemented an innovative image recognition and segmentation module using Python, YOLOv8, Keras, and Deep Learning libraries, significantly improving the efficiency and accuracy of the vehicle inspection process.
- Collaborated with cross-functional teams to design a user-friendly UI for enhancing user experience.

**Company : RadicalX**                                                     **Dec, 2022 - Mar, 2023**
**Position : AI Developer**

- Conducted comprehensive Data Collection, Annotation, Analysis and Preprocessing for training Machine Learning models.
- Engaged in diverse projects utilizing technologies such as OpenAI, TensorFlow, Botpress, and InWorld AI to develop innovative solutions and streamline onboarding processes.

**Company : BNP Paribas**                                               **Dec, 2021 - Aug, 2022**
**Position : Intern - Web Developer**

- Worked with the web development team with all aspects of website, application design, testing and maintenance.
- Collaborated with developers to implement new web features.
- Used user feedback to identify and correct problems with client's websites.

## LEADERSHIP EXPERIENCE

**Chairperson** | *IEEE - Vignana Bharathi Institute of Technology Student Branch*
**Marketing Lead** | *VIRINCHI Cultural Club, Vignana Bharathi Institute of Technology*
**Vice Chairperson** | *Computer Society under IEEE - VBIT SB*
**Secretary and Design Lead** | *EcoClub VBIT*

## REFERENCES

**Portfolio Website**    : https://sairesume.netlify.app
**LinkedIn**                  : https://www.linkedin.com/in/sai-srinivas-keesari
**Github**                     : https://www.github.com/SaiSrinivas-10