SAI SRINIVAS KEESARI

US Citizen   **4269 Cotswolds Hill Lane,**   **+1(980) 250 - 3829**
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PROFESSIONAL SUMMARY

Passionate and motivated Computer Science enthusiast with 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

Masters in Computer Science   **Jan, 2024 - Present**
George Mason University

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

SKILLS

Programming Languages	Python, Java, C++, C
Database Technologies	PostgreSQL, SQL, MongoDB, Excel, Microsoft Access
Cloud Platform	GCP, AWS
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

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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.

PROFESSIONAL EXPERIENCE

Company : IDEA Lab Kids   **May, 2023 - Oct, 2023**
Position : Teacher/ Instructor   **Charlotte, NC**

- 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   **Charlotte, NC**

- Implemented an innovative image recognition and segmentation module using Python, YOLOv8, and Keras 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   **Charlotte, NC**

- Engaged in 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   **Hyderabad, India**

- 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