SAI SUNANDH RAMAYANAM

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EDUCATION

Northern Arizona University   **July 2021 - May 2024**
Master's, Computer Science   *GPA: 4*
- Python, C++, C, Data Structures, Modern Regression, Data Warehousing, R, SQL

JNTUK   **June 2017 - July 2021**
Bachelor's, Electrical Engineering   *GPA: 3.5*
- Contributed to multiple projects and published research paper

PROFESSIONAL EXPERIENCE

Northern Arizona University   **Flagstaff, AZ, USA**
Teaching Assistant   *September 2023 - Present*
- For courses Data Structures, Large Scale Data Structures and Principles of Programming Language(Python) Support Students and grading assistance in the course and assist students with learning
- Communicate with students outside of class time to tutor them on the course material
- Complete administrative tasks effectively and on time

Accenture   **Hyderabad, Telangana, India**
Software Application Developer   *September 2021 - December 2022*
- Functioned as a consultant specializing in SAP Customer Service.
- Writing technical documentation for developed applications, including user manuals and system specifications.
- Engaging in continuous learning and professional development activities to enhance your skills and knowledge in application development technologies and methodologies.
- Working closely with project managers, designers, and other developers to ensure timely and high-quality delivery of projects
- Conducting thorough testing of applications to identify and fix bugs, as well as ensuring software meets quality standards.
- Communicating with clients to gather feedback, discuss requirements, and provide updates on project progress.
- Mentored team members via knowledge transfer sessions

PROJECTS & OUTSIDE EXPERIENCE

Deepstate testing   **Flagstaff, AZ, USA**
Student   *September 2023 - December 2023*
- Conducting advanced software assurance testing utilizing the Deep State framework in C++
- I observe that 41.43% of the code is covered based on the provided coverage analysis.
- *Link to project*

Data warehousing   **Flagstaff, AZ, USA**
Student   *November 2023 - November 2023*
- Designing a data warehouse employing dimensional modeling principles
- Utilizing Microsoft Access and MySQL, complex analytical queries see a performance improvement of 30% compared to RDBMS.
- *Link to project*

Covid support system Web application   **Kakinada, Andhra Pradesh, India**
Student
- Developed a web application for COVID support system using Django framework with Python, HTML, and CSS.
- *Link to project*

Disease prediction model using Machine Learning   **Flagstaff, AZ, USA**
Student   *February 2024 - February 2024*
- Pioneered a disease prediction model utilizing Machine Learning with NumPy, Pandas, and Scikit in Python, achieving an accuracy rate of 90% using Gaussian naïve bayes Algorithm
- *Link to project*

SKILLS

Skills: Python, MySQL, AWS, Development Operations (DevOps), Jenkins, HTML/CSS, Git, Java, Business Analytics, Excel/Numbers/Sheets, python, C/C++, Data Analysis, Data Science, Data Structures & Algorithms, Django, Docker, Heroku, Jupyter, Kubernetes, Linux/Unix, NumPy, OpenCV, Pandas, R, SAP Products, SQL, Web Development