

# SAI SUNANDH RAMAYANAM

+19285502812 | [saisunandhramayanam@gmail.com](mailto:saisunandhramayanam@gmail.com) | [Portfolio](#)

Dynamic and dedicated professional with a master's degree in computer science from Northern Arizona University, specializing in data science and machine learning. Experienced Teaching Assistant adept at supporting faculty and students in the computer science department, coupled with a background as an Associate Software Engineer at Accenture. Skilled in web application development, DevOps, and SAP Fiori, with multiple certifications in Python and data analysis. Passionate about leveraging expertise in Python, data science, and machine learning to drive innovation and contribute to cutting-edge solutions. Eager to apply skills and knowledge to new challenges in a full-time role.





## Education

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- ❖ **Northern Arizona university** May 2024
    - Master of Computer Science- Flagstaff, AZ
    - CGPA: 4.0 /4.0
    - Relevant coursework: Python, C++, C, Data Structures, Modern Regression, Data Warehousing, R, SQL
  - ❖ **Jawaharlal Nehru Technological University** July 2021
    - Bachelor of Technology in electrical and Electronics –Kakinada, India
    - CGPA: 3.5 /4.0
    - Contributed to multiple projects and published research papers

## Skills

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- **Programming Languages:** Python, R, C, C++, oops, MySQL
  - **Data Analytics:** Power Platform Conversant, Data Warehousing, Pandas, NumPy, Matplotlib, Scikit, Seaborn.
  - **Tools:** AWS, DevOps, MS-Excel, Microsoft Access, RStudio, Python IDLE, Deep state, Jenkins, CI/CD Process.
  - **SAP Tools:** SAP Sales and Distribution, SAP Fiori, SAP Customer Services.
  - **Web Development Tools:** Html5, CSS.

## Projects

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- 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: 
  - Designing a data warehouse employing dimensional modeling principles, utilizing Microsoft Access and MySQL. LINK: 
  - Conducting advanced software assurance testing utilizing Deep State framework in C++. LINK: 
  - Developing a web application for COVID support system using Django framework with Python, HTML, and CSS. LINK: 

## Work Experience

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- ❖ **Software Application Developer Associate** Sep 2021 – Dec 2022

Accenture Solutions Pvt. Ltd

    - Functioned as a consultant specializing in SAP Customer Service.
    - Employed at a pharmaceutical organization based in Europe.
    - Prepared test plans, executed end-to-end functional testing, and delivered defect free project
    - Analyzed data retrieved from data warehouses
    - Mentored team members via knowledge transfer sessions

## ❖ Teaching Assistant

Sep 2023 – Current

SICCS Department, NAU, Flagstaff

- 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.
- will also communicate with students outside of class time to tutor them on the course material.
- Complete administrative tasks effectively and on time

## Other Activities

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| ✓ Achieved an all-India rank in the Tata Consultancy National Coding Competition.  | <b>8 Aug 2020-16 Aug 2020</b> |
| ✓ Served as a Student Ambassador for the NAU campus.   | <b>August 2023</b>            |
| ✓ Acted as the Class Representative at Pragati Engineering College, JNTUK.   | <b>June 2017-July 2021</b>    |
| ✓ Took on the role of Student Coordinator for the Technical Fest.  | <b>January 2019</b>           |
| ✓ Successful Graduation completion of Accenture stream training and assessment in the <ul style="list-style-type: none"><li>○ Tech Expressway Program.</li></ul> |                               |
| ✓ Received Job Offers from Accenture, TCS, IBM, Wipro.   |                               |