

Sridivya Majeti

1055 W, 48th Street, Apt-19,
Norfolk, VA
+1(757)-339-6308
smaie003@odu.edu,
sridivyamajeti22@gmail.com

GitHub: <https://github.com/sridivya39/sridivya39.github.io>

Portfolio: <https://sridivya39.github.io/>

LinkedIn: <https://www.linkedin.com/in/sridivya-majeti-6a0a5921b/>

RELATED EXPERIENCE

AMAZON, Seattle, WA

Traffic Shift, Networking R&D core

SDE, Intern

June 6th, 2022 – August 26th, 2022

- Worked on a project, where I implemented an API to conduct a deeper health check which will be called by the users in Amazon.
- Built a **health check API** which determines the health status of a given region before proceeding with the service workflow. This is a replacement for the current shallow health check in place.
- Proposed a system design for implementing a Health Check Model.
- Developed this system using Python and DynamoDB.
- Monitored the alarms to determine the health status for the target endpoints.
- Integrated the API into the model which would be invoked by the customer.
- Responsible for testing this script by multiple unit tests.

ADDITIONAL EXPERIENCE

Old Dominion University, Norfolk, VA

Graduate Teaching Assistant Instructor.

2021 – 2022

- Instructed undergraduate students', a course named **Problem Solving LAB** which involves C++ Programming, Advanced C++ Programming.
- Conducted Labs, took recitations, graded their assignments in this course.

Graduate Teaching Assistant Instructor

2022 - Present

- Instructing undergraduate students', a course named Intro to Information Literacy and Research Science which involves searching techniques using necessary tools and helps students develop skills to write a proper research paper.
- Responsible for conducting recitations, grading their assignments, quizzes, exams and offering help during the office hours.

SKILLS

Technical skills: C, Python, Java, C++.

Web Technologies: PHP, Java Script, HTML, CSS, Bootstrap.

Frameworks Used: Laravel, **Tools Used:** XAMPP

Databases: MySQL, MongoDB.

MSSO Office: Word, PowerPoint, Excel

Operating Systems: Windows, Ubuntu, Linux.

Networking: TCP/IP, HTTP, SMTP

Platform Used: Salesforce, Twilio.

EDUCATION

Old Dominion University, Norfolk, VA

Master's in computer science

2021 - Present

GPA: 4.0

Keshav Memorial Institute of Technology, Hyderabad

Bachelor's in technology

2016 - 2020

Major: Electronics and Communication Engineering.

CGPA: 8.06

Relevant Courses: Web Programming, Data Science, Cloud Computing Technology, Database Concepts.

PROJECT

- **Database Project: Icecream Factory** It is an online web portal which enables the users to order their favorite ice creams from the menu and rate them. There is an admin panel using which the admin can view the users, add an ice cream, view ratings and orders. Built this using XAMPP Architecture and the languages used are PHP, JS as backend, HTML, CSS as frontend and the database implemented is MySQL using PhpMyAdmin. [[Project Link](#)]
- **Human Computer Interaction: ODU Call center** It is a call center management system for Old Dominion University using Twilio, which will cater to students who have any queries regarding the Computer Science department and Student Health Services.
- **Recommender System: University Guide** It recommends students, the universities which best fit their profiles using the classification methods. The future scope of this project is to accumulate much data in future and turn it into a real-time project. Built using Python libraries such as NumPy, Pandas, Seaborn, Matplotlib, Scikit – learn. [[Project Link](#)]
- **Web Project: Just Question** - Digital Library eBook is an online search engine where users can search different books, create/edit profiles, save and add different types of books to their profiles. Built using a LAMP stack that utilizes Elastic search to search for nearly > 1 million book records and provide accurate results. The voice-assisted search is integrated with the application to have a seamless experience of searching the user's favorite book using WEB API for the audio [[Project Link](#)]
- **Cloud Computing: Organization Survey System** - Designed a feedback system in which different profiles for the different roles in a company were created where various types of feedback for the organization are taken at different layers of the company which is confidential and can be viewed by only respective authorities. Platform used – Salesforce.
- **Internet of Things: Program Driven Bot with Gesture Control** - A bot equipped with wheels that can be driven and stops itself when sensed an obstacle in its way. It is controlled by gesture-commands. It is built on C++ in the Arduino IDE of 1.8.9 version.

CERTIFICATIONS

Business English Communication - Cambridge University, UK	2016 - 2017
IOT Certification - Codemania	2019
SONET Certification - Salesforce	2018

LEADERSHIP

Title of Affiliation: Indian Students' Association	2021 - Present
● Position: Vice President - conducting or attending higher-profile meetings on behalf of the organization and making decisions regarding the entire organization.	

ACCOMPLISHMENTS

- Given a technical seminar on Auto Metro Train to Shuttle between Stations
- Attended workshop on Image Processing conducted by National Institute of Technology, Warangal (NITW).
- AALAP- Music club member at college, conducted events and interacted with many students.