

Srini Jammula

+1 571-326-4923 | sjammul3@gmu.edu | Fairfax, VA, USA

LinkedIn: <https://www.linkedin.com/in/srini-jammula> | GitHub: <https://github.com/srinijammula>

EDUCATION

George Mason University

Masters in Computer Science

May 2025

CGPA: 3.97

VNR Vignana Jyothi Institute of Engineering and Technology

Bachelor of Technology, Computer Science and Business Systems

July 2023

CGPA: 9.00 (3.8/4)

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++, JavaScript, SQL, TypeScript, R, XML

Web development: React, Node.js, Angular, SpringBoot, Jenkins, HTML, CSS, Bootstrap

Developer Tools: Git, Docker, AWS, EC2, Kubernetes, GCP, Azure, Visual Studio, IntelliJ, Colab, Informatica

CERTIFICATIONS

[Microsoft Certified Azure Fundamentals](#)

[Google Data Analytics Specialization](#)

[Mulesoft Certified Developer - Level 1 \(Mule 4\)](#)

[Full stack web development](#)

EXPERIENCE

George Mason University | Part-time | Fairfax, VA, USA

September 2024 – February 2025

Software Developer (RA)

Java, Javascript, Python

- Developed and optimized Geoweaver, an open-source NASA-funded project to build scientific workflows.

CHUBB | Internship | Hyderabad, India

August 2022 – May 2023

Software Engineer Intern

Python, SQL (SSMS)

- Analyzed and mapped data migration from legacy databases to Azure cloud.
- Automated 20% of the mapping process, and XML parsing using Python.
- Completed full-time internship focused on data engineering track, mastering ETL tools, SQL, and Python.

T-KATAL | Internship | Hyderabad, India

December 2021-February 2022

Web Application Developer

React, NestJs, Firebase, Google Cloud Platform

- Implemented features such as automating OTP validation, front-end design enhancements, and dynamic pageviews based on variables.
- Conducted research in hosting web applications on Google Cloud and Microsoft Azure and deployed.

PROJECTS

Microservices Student Survey Application | *Java, Springboot, AWS, Rancher, Jenkins, Git* | [link](#)

- Managed student survey data using Spring Boot for CRUD operations, using Amazon RDS as the database.
- Deployed application on AWS EC2 instances and leveraging Docker for containerization.
- Orchestrated deployment with Kubernetes, and managed clusters using Rancher.
- Established CI/CD pipeline with Jenkins and Git for automated deployment and version control.

Customer Rewards Android Application | *Java, JSP, XML, SQL* | [link](#)

- Implemented a 3-tier architecture to manage customer rewards, transactions, and redemptions efficiently.

Stock Market Analysis Prediction | *Python* | [link](#) | [paper](#)

- Employed multiple ML algorithms for precise stock price forecasting (96% accuracy).
- Implemented regression layers, univariate LSTM, and live dashboards for visualization.

DELISH (Team Lead) | *Angular, Node.js, TypeScript, JavaScript, MongoDB* | [link](#)

- A restaurant web application with essential features like homepage, login, signup, add to cart, search option.

Meaningful Dynamic Telugu Lyric Generation and Instrument Detection using NLP and ML | *Python*

- Transformed English lyrics into Telugu with semantic meaning, taking 4 kinds of inputs.
- Employed spleeter, bidirectional LSTM for conversion, and MFCC for instrument detection.
- Serves as a karaoke solution, with potential for future expansion to other languages.

ACHIEVEMENTS AND CO-CURRICULAR ACTIVITIES

- Distinguished Academic Achievement Award, George Mason University, 2025.
- Secured 4th place at the 2024 Microtask Programming Hackathon, George Mason University.
- Member of Computer Society of India (CSI), UI/UX designer in ECFICIO 4.0, Linus Tribe, VNR VJIET.