Srini Jammula

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EDUCATION

George Mason University Aug 2023 – May 2025
Masters in Computer Science **CGPA: 3.97**

VNR VJIET Aug 2019 – May 2023
Bachelor of Technology, Computer Science and Business Systems **CGPA: 3.6**

ACHIEVEMENTS

- Distinguished Academic Achievement Award, George Mason University, 2025.
- Secured 4th place at the 2024 Microtask Programming Hackathon, George Mason University.

CERTIFICATIONS

Microsoft Certified Azure Fundamentals **Google Data Analytics Specialization**

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++, JavaScript, SQL, TypeScript, R, XML
Web development: React, Node.js, Angular, SpringBoot, HTML, CSS, Bootstrap
Developer Tools & Platforms: Git, Docker, AWS, EC2, Kubernetes, GCP, Azure, Visual Studio, IntelliJ, Colab, Informatica, Linux

EXPERIENCE

Saayam For All Jul 2025 – Present
Software Engineer *React, Tailwind CSS, Python, Java*

- Building and shipping features for a platform that connects people with verified help across critical needs.
- Designed and optimized backend services using Java and Python for scalable data access in a microservices architecture.

George Mason University Sep 2024 – Feb 2025
Software Engineer (RA) *Java, Javascript, Python*

- Developed and optimized Geoweaver, an open-source NASA-funded project to build scientific workflows.
- Added status tracking, process name display, and improved workflow metadata across multiple UI panels.
- Resolved bugs related to table overflow, edge rendering, and improved history and monitor views.
- Removed unused Jupyter notebook dependencies and cleaned legacy code to streamline the frontend.

CHUBB Aug 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 Dec 2021-Feb 2022
Web Application Developer *React, NestJs, Firebase, Google Cloud Platform*

- Implemented features such as automating OTP validation, front-end design enhancements, and dynamic pageviews.
- 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

- Built and deployed a RESTful microservice-based student survey app using Spring Boot with Amazon RDS, containerized via Docker, orchestrated with Kubernetes via Rancher, and hosted on AWS EC2.
- Set up CI/CD with Jenkins and Git in an Agile environment, managed container orchestration via Rancher.

CloudMart – AI-Powered E-commerce Platform | *AWS, GCP, Terraform, Docker, EKS, CI/CD, Amazon Bedrock* | Link

- Built a full-stack e-commerce platform with AI product recommendations using Amazon Bedrock (Claude model).
- Provisioned infrastructure using Terraform and deployed on AWS EKS with CI/CD via CodePipeline.
- Integrated Lambda, DynamoDB, and GCP BigQuery for real-time interaction and analytics.

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 | Research paper

- Delivered 96% forecasting accuracy in stock price prediction using univariate LSTM.
- Benchmarked with KNN, SVM, Random Forest, and multivariate LSTM, along with interactive time series dashboards.