

VARSHAA SHREE

Fairfax, VA

☎ 703-453-2425 ✉ varshaashree14@gmail.com 🔗 [linkedin.com/in/vs-1306/](https://www.linkedin.com/in/vs-1306/) 🌐 github.com/vstephne

Education

George Mason University | CGPA: 3.96/4.0

August 2021 - May 2023(Expected)

Master of Science in Computer Science

Fairfax, Virginia

Courses: Data Mining, Component-based Software Development, Software Design and Architecture

Birla Institute of Technology

August 2019 - June 2021

Master's In Technology in Software Engineering

Pilani, India

Courses: Data Structures, Analysis of Algorithms, Database Management

Visvesvaraya Technological University

July 2015 - June 2019

Bachelor of Engineering in Computer Science

Bangalore, India

Courses: Operating Systems, Cloud Computing, Machine Learning, Soft and Evolutionary Computing

Skills

Programming Languages: Java, Python, C++, SQL, Scala, JavaScript, TypeScript, HTML, CSS

Frameworks and Web Technologies: React, AngularJS, SAP UI5, NodeJS, Flask, SpringBoot, Karate, Kafka

Databases: Maria DB, Mongo DB, SAP HANA

Tools and Technologies: Jenkins, GitHub, RabbitMQ, Docker, Postman, JIRA, Visual Studio Code, Kubernetes, Docker

Cloud Technologies: Amazon Web Services(AWS), Azure Cloud, One Ops

Experience

Walmart Global Tech | Bentonville, USA | Software Development Engineer III Intern

June 2022 – August 2022

- Built an order editing system using Java and Spring which allows suppliers to create and update their orders at any point of time .
- The implementation saved the operations team 50 hours per week and streamlined interactions with Walmart's suppliers.

SAP LABS INDIA | Bangalore, India | Associate Developer

August 2019 – August 2021

- Developed Restful APIs using Scala and Java to enhance features for product Business Networks
- Increased performance of existing system by 20% using Kafka and Redis for distributed process and caching respectively.
- Designed a normalized database for Artificial Intelligence Foundation, built 13 Restful APIs to fetch information from the Database using python flask, and deployed the application docker.
- Participated in the collaboration between the Indian Institute of Science (IISc) and SAP Labs India to build a City-Scale Epidemic Simulator to track the spread in certain cities. The technology used was Node.JS
City-Scale Epidemic Simulator
- Worked on building a web application using SAP UI5 a framework built over HTML, CSS and JavaScript.

UNILEVER | Bangalore, India | Software Development Intern

January 2019 – June 2019

- Automated 10 processes using Blue Prism which reduced manual entry by 76%
- Analyzed sales data using Python for product Lakme in the Asia region using DB-Scan spatial clustering algorithm which gave an accuracy of 77%

MINDTREE LIMITED | Bangalore, India | Machine Learning Intern

January 2018 – February 2018

- Developed a sentiment analyzer to determine employee satisfaction within the company using R

Projects

Cardiovascular Disease Prediction | Python, Jupyter Notebook, Machine Learning Models

April 2019

- Implemented classification and regression algorithm namely, Support Vector Machine, Naive Bayes's, Logistic Regression and Random Forest on Heart Disease Data set to predict chances of getting a heart attack and factors that would contribute to the heart attack. Paperlink

Cognate Reflexes Prediction | Python, Keras, PyTorch, Google Collab

August 2022

- The aim of the project is to predict missing cognate values in a particular cognate set using models like Convolution Neural Network and Graph Convolution Neural Network.

Certifications and Awards

- One Ops Level 1 training-Walmart Training
- Data Science For Engineers-NPTEL
- Introduction To Machine Learning -NPTEL