

## EDUCATION

### George Mason University

Master of Science in Computer and Information Science (GPA:3.6/4)

Fairfax, VA

Expected May:2023

### Chhattisgarh Swami Vivekanand Technical University

Bachelor of Engineering in Computer Science and Engineering (CGPA:8.8/10)

Raipur, India

May:2017

## TECHNICAL SKILLS AND CERTIFICATION

- **Certifications:** Agile as SAFe 4 Practitioner, Java with Junit, DevOps, GIT, Python, Machine Learning-1, and UNIX.
- **Languages & Databases:** Java, Python, JavaScript, XML, SQL, Gherkin, C++, C, HTML, CSS.
- **Tools, Technologies & Frameworks:** AWS (S3, EC2, RDS), Jenkins, Jira, Selenium, AEM, TestNG, Cucumber, Protractor, SoapUI, Postman, HP ALM, SVN, GIT, Docker, Kubernetes, SeeTest Cloud, Jupyter Notebook, REST APIs, MS Office and Google Suite.
- **Concepts:** OOPs, Algorithms, Data Structure, DevOps, Agile/Scrum, SDLC, STLC, Defect Life Cycle.

## PROFESSIONAL EXPERIENCE

### Spacee

Texas, USA

Full-Stack Software Intern | Python | JavaScript | GIT

Jun 2022 - Present

- Working on both the back-end and front-end of systems and catering to both user experience and functionality in projects.
- Writing clean, functional code on the front and back-end and assisting in the design and creation of scalable software.
- Testing and fixing bugs or other coding issues and ensuring responsiveness and efficiency.

### Cerence

Pune, India

Software Quality Assurance Analyst | Python | NLU | Jira

Dec 2020 - Jul 2021

- Contributed to a 25% improvement in existing Volkswagen's ASR using NLU mapping and automated 75% tasks using Python.
- Added commands in ASR for different countries using NLU and tested with ARTT to check its country-specific replying, which resulted in an increase of 80% accuracy. The code was maintained in GIT and the progress was tracked through Jira.
- Did requirement analysis, testing, implementation, and validation of embedded speech systems for all Volkswagen automakers.

### Atos-Syntel

Pune, India

Associate Consultant-2 | Java | AGILE | Selenium | JavaScript | Cucumber | Jenkins

Mar 2018 - Dec 2020

- **ENS in FedEx:** Developed and tested automated emails through the AEM tool and maintained it in SVN and its data using Oracle SQL Developer. While leading a team of 4 in an agile environment for a Data-Driven framework.
- Developed script in Java, Selenium, TestNG and used SoapUI for API to reduce redundancy which increased performance by 75%.
- Created a pipeline in Jenkins to reduce 30% redundant tasks and performed problem resolution with root cause analysis.
- Actively contributed to daily stand-ups, demos, retrospectives, refinements, Go/No-Go, sprint, and PI plannings.
- **Pricing in FedEx:** We utilized JavaScript, Cucumber, and Protractor to design and test a FedEx GUI to generate agreements. In agile, Version One was used to manage and track progress. Also mapped API for Behavioural-Driven framework using Postman.

### Amazon

Pune, India

CS Associate | Problem Resolution | Teamwork

Jun 2017 - Feb 2018

- Preventing and solving problems for around 100 customers/week and monitor their satisfaction and develop ways to improve it.

## PROJECTS

### Student Survey Application

GMU, USA, 2022

- Created a front-end and back-end application in React and Node.js, including an HTML & CSS survey form and an AWS RDS database to store data from the form. Then, for the front and back ends, I produced two Docker images. Then we started rancher to construct a Kubernetes cluster on an AWS EC2 instance.

### Auditing for Bias in ProPublica COMPASS data-set

GMU, USA, 2022

- We have investigated the possibilities of a recidivist criminal defendant in this project. The bias on the COMPASS data set was analyzed using the Rainforest model and Logistic Regression.

### Rubric

GMU, USA, 2021

- Created a BST, in C programming and used status macros and performed some functions like adding address, looking up address, update address, deleting address, displaying list, displaying aliases for location, saving to file and quit.

## ACHIEVEMENTS

- **Great Leadership, Quality Award, Best Entrepreneur, Best Employee (Fresher), and Defect Hunter** at Atos-Syntel for commitment towards learning, Idea generation, driving the team positively and efficiently with error-free work from 2018-2020.
- **Best Performer and Valuable Player** at Amazon for performing best in the team in Dec 2017- Feb 2018.

## EXTRACURRICULAR

- 3rd place among 150 teams: Hackathon on Machine Learning at Atos-Syntel 2019.
- 7th place among 40 teams: Hackathon on Speech Recognition system at Cerence 2021.
- Organized team activities at Cerence and Atos-Syntel and was involved with SPrayas foundation for charity work.
- Asian Graduate Student Association Secretary in 2022 to help graduate students from around the world.