

Technical Skills

Programming Languages : Java Development, Python, JavaScript, HTML, CSS

Frameworks/Tools : Spring Boot, Maven, RestAPI, Docker, Kubernetes Containerization, Jenkins, Git, MYSQL, PostgreSQL, Stata, DBEaver

Platforms/IDE : Amazon Web Services, Linux/Unix, MacOS, IntelliJ IDEA, Visual Studio Code

Soft Skills : Communication, Problem Solving, Leadership

Experience

Aptdata Solutions Inc

May 2023 – July 2023

Software Developer - Intern

Detroit, MI

- Successfully worked in an **Agile Environment**, contributing to the creation of user-friendly web pages, resulting in an increase of 50% user traffic.
- Improved **CRUD** operations efficiency by ensuring high quality code using Mockito and Java testing Frameworks in **Spring Boot**.
- Worked closely with senior developer to perform **API Testing** and **API Integration** using **Postman**
- Collaborated with company's sales and marketing resources to implement the website features according to business needs.

Indian Servers

May 2020 – July 2020

Software Cybersecurity Intern

Hyderabad, India

- Used tools like Nmap, Wireshark, Metasploit, to perform **pentesting** on client sites
- **Documented** and reported results of each **security assessment**, including Tips and Suggestions on how to Improve current security to accommodate discovered vulnerabilities.
- Worked with a team of experts to conduct cyber **security workshops** for University level student
- Contributed in creating a **Python Language Course** for beginners.

Projects

Daily Planner for Women with Neurodivergence | *Spring Boot, PostgreSQL, RestAPIs, Postman, Kubernetes*

- Implemented a unique style of planner in order to accommodate women with **Neurodivergent conditions**.
- Built the application using **Maven in Spring Boot**, developed **RestAPI** endpoints and tested them in **Postman**.
- Performed unit testing and integration testing using **MockMVC testing framework**
- Deployed application in a **Docker** container using **Kubernetes containerization** framework while maintaining version control using **Jenkins**

Effects of Boy Child Preference in Indian Mothers | *AWS EC2, AWS Figma, AWS LightSail, Streamlit, Stata*

- Built Machine learning models and used StreamLit to allow users to interact with the parameters in a web application
- Utilized Technologies such as **AWS Figma, AWS Dynamo DB, AWS EC2, Stata** for the development of the application, and used **AWS LightSail** for deployment
- **Enhanced understanding** of various factors that influence boy child preference in India, contributing to research on **gender gap** in the country.

Education

Rutgers University

Master of Science in Computer Science (CS)

New Jersey, USA

Extracurricular: *Graduate Assistant for Academic Advising Office*

BVRIT Hyderabad College of Engineering for Women

Bachelor of Technology in Computer Science and Computer Engineering (CSE))

Hyderabad, India

Extracurricular: *Lead, Facebook Developer Circles; Lead, Department Technical Association; Vice Captain, Go-Kart Team; Member, Association for Computing Machinery(ACM); Member, National Service Scheme(NSS)*

Honors/Certification/Achievements

Dean's Merituous Fellowship

Amazon Web Services Certified Cloud Practitioner