

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

Beunec

November 2024 – Present

Software Engineer

Marlton, NJ

- Spearheading the development of technical requirements and establishing a comprehensive database schema to support scalable, high-performance architecture.
- Contributing to the foundational engineering of a startup as a founding software engineer, focusing on structured database design and effective data management strategies to ensure streamlined development.

Cantonica

September 2024 – Present

Software Engineer Trainee

New York, NY

- Developed comprehensive business and technical requirements, defining project scope and aligning objectives with stakeholders.
- Designed and implemented a robust database schema, collaborating with cross-functional teams to establish and host a MongoDB database from the ground up.
- Currently working on backend development, leveraging foundational requirements and schema design to ensure scalability and performance in database operations.

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.

Projects

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

- Developed a unique planner app for women with neurodivergent conditions, built with Spring Boot, Maven, and REST APIs tested in Postman.
- Deployed the app in Docker with Kubernetes containerization and maintained version control through Jenkins, performing both unit and integration testing using the MockMVC framework.

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

- Developed machine learning models with an interactive Streamlit web app, allowing users to adjust parameters, with deployment on AWS LightSail.
- Utilized AWS DynamoDB, EC2, Figma, and Stata in application development, enhancing insights on factors influencing boy child preference in India to support gender gap research.

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 Merititious Fellowship

Amazon Web Services Certified Cloud Practitioner