

Technical Skills

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

Tools : Backend Development: Spring Boot, Django **DBMS:** MySQL, PostgreSQL, MongoDB, DBeaver, Stata **DevOps and Deployment:** Docker, Kubernetes(Containerization), Jenkins, Maven, Amazon Web Services(AWS) **Version Control and Testing:** Git, RestAPI, Postman **OSs and IDEs:** Linux/Ubuntu, MacOS, IntelliJ IDEA, Visual Studio Code

Soft Skills : Communication, Management, Problem Solving, Leadership

Experience

Beunec

November 2024 – Present

Software Engineer

Marlton, NJ

- **Architected and developed the backend** for a scalable recruitment platform using **Spring Boot, MongoDB, and REST APIs**, performing rigorous testing with **Postman and integration tests**. Currently expanding functionality by integrating the backend with the frontend.
- Designed a robust **database schema**, created a comprehensive site map, and built the backend architecture while revising and **validating business requirements**. Supervised a cybersecurity intern to ensure alignment with strategic goals and technical standards.
- Led **strategic initiatives** by **selecting the tech stack**, **defining project scope**, and **delegating tasks** to optimize development workflows and deliver high-performance solutions.

Cantonica

September 2024 – Present

Software Engineer Trainee

New York, NY

- Currently working on **backend development**, leveraging foundational requirements and schema design to ensure scalability and performance in database operations.
- Designed and implemented a **MongoDB database schema**, aligning project scope with stakeholder objectives through collaboration and clear requirements.

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**.

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**.
- In the process of deploying the app in **Docker** with **Kubernetes containerization**

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 Meritious Fellowship

Amazon Web Services Certified Cloud Practitioner