

## Technical Skills

**Programming Languages :** Java Development, Python, JavaScript **Backend Dev:** Spring Boot, Django **Frontend Dev:** Angular **DBMS:** MySQL, PostgreSQL, MongoDB, DBeaver, Stata **DevOps and Deployment:** Docker, Kubernetes (Containerization), Jenkins, Maven **Cloud:** Amazon Web Services(AWS)(EC2, S3, Lambda, EKS, LightSail, Lex) **Version Control and Testing:** Git, RestAPI, Postman **OSs and IDEs:** Linux/Ubuntu, 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 infrastructure for a scalable recruitment platform using **Spring Boot**, **MongoDB**, and **RESTful APIs**. Built and executed extensive **integration tests** using **Postman** and **JUnit** to ensure system stability, reliability, and scalability.
- **Designed** a robust **database schema**, created a detailed **site map** for application flow, and continuously refined backend architecture based on evolving business requirements through close **collaboration** with stakeholders.
- **Led critical project decisions** by selecting the most appropriate technology stack, defining the development roadmap, and strategically **delegating** tasks to optimize team productivity and maintain project velocity.
- **Supervised** and mentored a **cybersecurity intern**, ensuring the implementation of **secure coding practices** and aligning security protocols with broader system architecture and organizational standards.

### Cantonica

September 2024 – Present

*Software Engineer Trainee*

*New York, NY*

- **Developing backend systems** with a focus on scalable architecture and optimized database performance, grounded in clear requirements analysis and schema planning.
- Designed and implemented a **MongoDB database** schema, translating stakeholder needs into a robust, efficient data model through collaborative planning and precise execution.

### Aptdata Solutions Inc

May 2023 – July 2023

*Software Developer - Intern*

*Detroit, MI*

- Assisted in **API testing** and **integration using Postman** to ensure seamless frontend-backend communication.
- Wrote and maintained **unit and integration tests** with **JUnit** and **Mockito** to enhance CRUD reliability in Spring Boot applications.
- Supported **backend development** and troubleshooting efforts while gaining hands-on **Agile experience**.
- **Collaborated** with sales and marketing teams to translate business needs into functional backend features.

## Projects

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

- Designing and developing a web application using **Spring Boot** for backend services, **PostgreSQL** for data storage, and **AWS Cloud** for hosting and deployment.
- Conducting ongoing research on how ADHD manifests differently in women compared to men, to ensure the product is informed by real user needs and addresses underserved experiences.

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

- Developed an **interactive web application** using Streamlit, integrating a **machine learning model** trained on a large dataset to provide real-time, user-controlled input adjustments.

## 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 Meritous Fellowship

Amazon Web Services Certified Cloud Practitioner