

## EXPERIENCE

### Software Engineer Intern

Aug 2024 – Jun 2025

#### Changing the Present

New York, USA

- Customized Shopify themes using **HTML**, **CSS**, and **JavaScript** to build a Student-Mentor platform, improving user engagement by 40%.
- Designed and deployed **AWS Lambda** functions integrated with **AWS RDS**, accelerating data workflows and reducing processing time by 70%.
- Automated the creation of mentors and universities on Shopify by integrating **JotForm** with **Matrixify**, eliminating 100% of manual data uploads.
- Participated in **Agile sprints** for system enhancements and configuration changes, collaborating with cross-functional teams.

### Junior Software Engineer

December 2020 – July 2022

#### Cognizant Technology Solutions

Bangalore, KA, India

- Optimized **RESTful APIs** using **Spring Boot** to enable seamless communication between microservices and frontend applications, increasing system performance by 40%.
- Assisted to debug and enhance **SQL queries**, optimizing database interactions by 20%.
- Collaborated with teams globally via **ServiceNow** and **Microsoft Teams**, increasing **SLA** adherence by 60% through faster incident resolution.
- Debugged **Java applications**, identifying root causes of production issues and improving system reliability by 30%.
- Authored and maintained 10+ **knowledge base** articles, sCornflowerBluedardizing L3 production support and improving team onboarding efficiency.

### Android Developer Intern

July 2019 – October 2019

#### Padmajeet Infotech

Belgaum, KA, India

- Developed a **Java-based Android** e-commerce app using **Android Studio** and **XML layouts**, improving UI responsiveness and boosting user interactions by 85%.
- Integrated **Hibernate ORM** with **MySQL** backend for secure product and user data management.
- Enhanced development efficiency by 25% through **Agile** collaboration, code reviews, and automated testing with **JUnit** and **Postman**.

## EDUCATION

### Master of Science in Computer Science

August 2022 – May 2024

#### George Mason University

Fairfax, VA, USA

### Bachelor of Engineering in Computer Science

August 2016 – August 2020

#### Visvesvaraya Technological University

Belgaum, KA, India

## PROJECTS

### Survey Form (DevOps Project) | **HTML**, **Spring Boot**, **AWS**, **Docker**, **Jenkins**, **Kubernetes**, **GitHub**, **YAML**

- Demonstrated **CI/CD pipelines** by deploying a **Dockerized web app** on **Kubernetes clusters** with integration of **GitHub**, **AWS EC2**, and **Jenkins**.
- Streamlined **backend scalability** using **AWS RDS**, **Spring Boot**, and **MySQL**.

### Word Predictor (DBMS Project) | **Java**, **J2EE**, **SQL**, **MySQL**, **Apache Tomcat**

- Created a **Java-based** word prediction app, optimizing next-word accuracy with a refined **DBMS backend**.
- Enhanced data retrieval performance using **optimized SQL queries** and server configurations.

### Multilingual Sentiment Classification (NLP Project) | **Python**, **TensorFlow**, **Scikit-learn**, **Jupyter Notebook**

- Built a **multilingual dataset** by collecting and preprocessing social media text for **sentiment analysis**.
- Fine-tuned **LLM models** to enhance the accuracy and sensitivity of detecting depressive symptoms.

### Smart City App (Android Project) | **XML layout**, **Java**, **Google Firebase**, **RESTful API**, **Postman**

- Led a team of 4 to design and develop a real-time Android app using **Google Firebase** and **REST APIs**.
- Crafted an intuitive UI with **dynamic layouts** and **one-tap** logins, enhancing user experience.

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, JavaScript, C, SQL, HTML, CSS, XML, Bootstrap**Backend Frameworks & APIs:** Spring Boot, Hibernate ORM, RESTful APIs, JSON**Databases:** MySQL, PostgreSQL, MongoDB, Microsoft SQL Server, AWS RDS, NoSQL**Cloud & DevOps:** AWS (Lambda, EC2, S3), Docker, Kubernetes, Jenkins, CI/CD Pipelines**Tools & Platforms:** Maven, Postman, Eclipse, Visual Studio, Linux, Unix, Git/GitHub, ServiceNow