

EDUCATION

George Mason University

Master of Science in Computer Science (GPA: 3.93 / 4.00)

Fairfax, VA, USA

Aug 2022 - May 2024

Visvesvaraya Technological University

Bachelor of Engineering in Computer Science

Belgaum, KA, India

Aug 2016 - Aug 2020

TECHNICAL SKILLS

Programming Languages: Java, J2EE, HTML, Python, C, CSS, SQL, JavaScript

Frameworks & Libraries: Spring Boot, Spring MVC, Spring JPA, RESTful Web Services, SOAP, Hibernate, Bootstrap, Maven, Android SDK

Databases: MySQL, MongoDB, SQL Server

Tools & Platforms: Git, GitHub, Rancher, AWS (S3, EC2, RDS, Route 53), Postman, Visual Studio, Eclipse, Junit

Data Handling: JSON, XML, CSV, Excel, YAML

WORK EXPERIENCE

Junior Software Engineer

Dec 2020 – July 2022

Cognizant | **OpenText Documentum, Java, SQL, DQman, putty, ServiceNow, Citrix**

Bangalore, KA, India

- Conducted in-depth **troubleshooting**, improving system stability by **25%** through efficient use of **developer tools**.
- Handled **complex client inquiries** via **support channels**, resolving around **400 support tickets**.
- Refined application performance by 20% and maintained **code quality** by assisting with **Java code reviews**.
- Boosted **customer satisfaction** by 40% through the implementation of **Documentum Query Language (DQL)** techniques in **Level 2** and **Level 3 technical support**, consistently resolving **major incidents** within **SLAs**, and administering **Active Directory**.
- Automated critical tasks by streamlining **IAPI scripts** improving system reliability and uptime by **15%**.
- Managed the **ServiceNow incident management system**, leading to a **20%** reduction in resolution times for high-priority incidents.

Android Developer Intern

July 2019 – Oct 2019

Padmajeet Infotech | **Java, XML, Maven, MySQL, Android Studio, Gradle**

Belgaum, KA, India

- Enhanced **Android application performance** by **30%** through **advanced debugging** and **Hibernate ORM** database integration.
- Achieved a **40%** reduction in **testing time** through effective use of **Postman** and **JUnit**.
- Elevated **user satisfaction** by **25%** through **Agile methodology** and efficient use of **Gradle**, **REST APIs** and **XML Layouts**.

PROJECT EXPERIENCE

Containerization, Kubernetes Deployment, RESTful Web Services and JPA Project

Oct 2023 – Dec 2023

HTML, CSS, GitHub, Spring Boot, AWS, Docker, Kubernetes, Jenkins, Spring Tool Suite

- Developed a student survey website with **HTML/CSS**, containerized **Spring Boot microservices** with **Docker**, deployed on **Kubernetes**, configured **Nginx Ingress**, managed **Amazon RDS/MySQL**, and operated **CI/CD pipelines** via **Jenkins** to enhance scalability and reliability.

Improving Multilingual Sentiment Classification with Language Model Fine-Tuning

April 2023 – May 2023

Python, Google Colab, Jupyter, PyTorch, Scikit-learn, Pandas, Anaconda

- Fine-tuned **BERT, RoBERTa**, and **XLNet** for detecting depression in social media text, improved **model precision** and sensitivity, handled **large datasets** with **CSV** and **CUDA**, and utilized **PyTorch, Scikit-learn, Pandas**, and **Google Colab** for efficient **data processing and analysis**.

Smart City Android App

Feb 2020 – May 2020

XML, Java, Google Firebase, RESTful API, Postman, Google Places API, Android Development

- Led **Android app development**, increasing user engagement by **40%** through enhanced utility information access and productivity. Utilized **Java** for **robust logic** and **Google Firebase** for **data storage and authentication**, enabling **single-click logins** via **Google** and **Facebook**.

Word Predictor - Java/DBMS Project | **Java, J2EE, SQL, DBMS, WampServer, JDBC**

Nov 2018 – Dec 2018

- Designed an intelligent **Java/J2EE** application with **real-time suggestions** and **next-word prediction**, reducing human effort by **20%** and increasing accuracy by **15%** through **advanced algorithms**, integrated with **Tomcat** for front-end support.