

Education:**Master of Science in Information technology****August 2022 – Dec 2023****Florida State University****GPA: 3.7/4.0****Experience:****Graduate Assistant (Software Engineer)****Innovation Hub, FSU****May 2023 – Dec 2023**

- Leading the front-end development team of interns and collaborated with the back-end team to develop a web application boosting user engagement by 20%. Developed the Training and Appraisal modules using Java, JSP, Servlets and JavaScript.
- Developed the UI using Java Servlets, Java script, HTML, CSS3, Ajax. Developed the Action classes for handling the requests from the JSP pages. Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags. Used React JS for templating for faster compilation and developing reusable components.
- Helped in designing and creating the database structure and its tables to minimize the storage of data. Developed Java Bean components to communicate with Data Base.

Full Stack Developer**Florida State University****Sept 2022- April 2023**

- Led the modernization of data within the school data project, utilizing a robust data modeling and publishing approach to enhance the overall efficiency of the system. Established a comprehensive CI/CD pipeline for the new infrastructure, optimizing the development and deployment processes for increased efficiency.
- Used Java and Spring Boot to develop Microservices, contributing to the adoption of a Microservices Architecture for improved scalability and maintainability. Using Express Framework to set up middleware to respond to the HTTP requests with the help of Node JS.

Java Developer**Consultadd****July 2020 – Aug 2022**

- Created a robust Single Page Application and responsive web app using Angular 10 and implemented numerous enhancements to the application, utilizing JavaScript, Spring Boot, and Angular. Wrote SQL queries and using the Hibernate framework with Spring ORM, including interaction with RDBMS and familiarity with Non-Relational Databases like MongoDB.
- Used MYSQL for cloud-hosted applications through Amazon RDS services. Collaborated on Angular 10, working with Controllers, Directives, Services, Pipes, Guards, and Angular Routing. Developed RESTful microservices with Spring Boot 2.0, deploying them via cloud formation on clusters. Developed BDD tests using Cucumber by writing behaviors and step definitions. Developed required Selenium support code in JAVA for Cucumber.
- Transitioned AWS infrastructure from Elastic Beanstalk to Docker with Kubernetes and created Cloud Formation templates to establish S3 buckets, AWS API gateway, and Dynamo DB. Led the migration of the application from Angular 6 to Angular 8 and guided team members in setting up their developer environments. Used NodeJS to structure JavaScript code to build Restful webservices. Participated in Agile Development Team and having daily SCRUM meeting for progress reporting as well as task distributing.
- Developed REST APIs using Spring MVC and Spring Boot, hosting all microservices on Kubernetes. Executed Continuous Integration and Continuous Deployment using Agile methodology, Bamboo, GIT, and AWS CloudFormation.

Java Developer Intern**Consultadd****Jan 2020- Jun2020**

- Developed Training and Appraisal modules using Java, JSP, Servlets, and JavaScript. Implemented UI with Java Servlets, JavaScript, HTML, CSS3, and Ajax. Used React JS code for making calls (GET, POST, PUT, DELETE) for triggering or fetching data from Restful API's.
- Created Action classes to handle requests from JSP pages and deployed projects on Apache Tomcat Server. Designed and developed a project that reads messages from Kafka topic and applied conversation from JSON to pipe delimited String data format to be saved in Oracle and NoSQL.
- Contributed to database structure design for efficient data storage. Implemented ReactJS code to handle cross browser compatibility issues. Used Nodejs to structure JavaScript code to build endpoints. Collaborated in Agile environments, leveraging JIRA for sprint planning and task tracking, fostering team collaboration and timely project delivery.
- Implemented Java Bean components for database communication. Developed Ant scripts for preparing WAR files, EAR, and EJB for J2EE component deployment.

Projects Experience:**Talk to your Future**

- Transformed a traditional payphone into a modern, AI-powered interactive fiction tool by equipping it with a 3G connection and rechargeable batteries. Utilized Google's Dialog Flow CX to establish game logic, with a dual-layered AI system: primary layer for steering game logic using "intents" and a secondary layer interfacing with ChatGPT for deeper immersion.

Support Worker Matching System

- Used DDL for robust database design, enhancing data integrity and enabling advanced analysis, while streamlining ETL processes with Oracle Data Integrator boosted efficiency by 30%. Implemented Power BI in data warehousing to enhance decision-making, leading to a 25% productivity increase by providing actionable insights. Optimized SQL queries and database architectures significantly improved query performance, speeding up data retrieval for more effective Business Intelligence reporting.

Technical Skills:

Languages: Java, J2EE, C#, C, C++, Python, HTML, CSS, TypeScript, JavaScript || **Web Technologies:** SERVLETS 3.1, JSP 3.0, JavaBeans 3.0 || **Frameworks:** ReactJS, Spring 5, Hibernate 4.3, Angular 10, Spring Security 4.0, Bootstrap, .NET || **Application Web servers:** Apache Tomcat 8/9, Jetty, Jenkins 2.50, WebSphere MQ 7.5 || **Relational Databases:** Oracle 19c, MS SQL server, MySQL || **NoSQL Databases:** MongoDB, Dynamo DB || **Internet Technologies:** XML 2.0, jQuery 2.11, Angular, Node JS 6.0. || **Version Control:** GitHub, Bitbucket || **Cloud:** AWS, Azure || **IDE:** Eclipse, NetBeans 8.0.2, IntelliJ 2017.1, Visual Studio Code, Visual Studio || **Other skills:** DSA, CI/CD, SDLC || **Tools:** PowerBI, Oracle Data Integrator, Hadoop, ETL, JIRA, Linux || **Network Protocols:** TCP/IP