

# Ayusha Khadka

## Java Developer



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Texas

### SUMMARY

- Over 2+ years of professional experience in the development and deployment of various Object-oriented and web-based Enterprise Applications using **Java/J2EE** technologies and working on the complete **Software Development Life Cycle (SDLC)**.
- Experience in application/web servers like **Web Logic Application Servers** and **Tomcat Web Servers**.
- Proficient in n-tier application design and development using **Java, J2EE, JSP, Servlets, Struts, Spring**, and **Oracle**.
- Expertise in Web development technologies like **HTML, Angular, React JS, XHTML, DHTML, JAVASCRIPT, CSS3, XML**, and **XSL/XSLT**.
- Strong knowledge of **Hibernate ORM framework**. Used **Hibernate Connection Pooling, HQL, Hibernate Caching, Transactions, Sessions**, and **Criteria**.
- Experienced in developing complex **PL/SQL queries, Procedures, Triggers, Stored Procedures, Packages**, and **Views** in various databases such as **Oracle, MySQL**, and **SQL Server**.
- Good knowledge of Design patterns like **DAO**, and **Model View Controller**.
- Responsible for creating and maintaining architecture for **Restful API** using **Spring Boot**.
- Excellent in **defect fixing, solving complex problems**, and **Performance Tuning**.
- Developed applications using **Multithreading, Serialization, Externalization, Collections**, and **Generics**.
- Used Spring Boot Actuator to monitor and manage the application in a production environment.
- Flexible committed individual with excellent interpersonal & communication skills, aiming to specialize in the fields of **Java/J2EE**.
- Strong understanding of common **API technologies**, such as **OAuth, Spring Boot**, and **Microservices**.
- Knowledge of **Docker** to create Containers using **Docker files** and using **Docker compose** and worked on **GitHub**.
- End-to-end development support of the application till the final rollout of the application.

### SKILLS

<b>Programming Languages:</b>	Java, JavaScript
<b>Framework</b>	Spring, Spring Boot, Hibernate, JSP, Bootstrap, OAuth
<b>Databases:</b>	MySQL, SQL, Oracle
<b>Web Technologies</b>	HTML, CSS, Rest API, AJAX, XML, JSON, React JS
<b>Operating Systems:</b>	Linux, Windows, Unix
<b>Tools &amp; IDE</b>	Git, GitHub, Jira, Junit, Docker, Kubernetes, Maven, IntelliJ, VSCode
<b>Debugging Tools&amp; CI/CD:</b>	JIRA, Jenkins
<b>Methodology:</b>	Agile, Scrum
<b>Application Servers</b>	Web Logic, Apache Tomcat

### EDUCATION

**Bachelor of Science in Computer Science | 3.6 /4.0 GPA**  
The University of Alabama at Birmingham (UAB)

**Dec 2022**

## EXPERIENCE

### Home Depot Software Engineer II

Sep 2023 - Present

- Demonstrated proficiency in various phases of the software development life cycle (**SDLC**), including problem-solving, analysis, design, coding, and testing.
- Utilized **Agile methodology**, actively participating in daily Scrums to ensure efficient development of the application.
- Developed multithreaded modules and applications using core **Java** concepts such as multithreading programming, exception handling, and collections.
- Designed and implemented **REST-based Microservices** using **Spring Boot** and **Spring Data** with **JPA**.
- Used **Spring Web Flow** to facilitate action mapping calls from the views.
- Enhanced performance of reporting modules by creating and executing **SQL queries** using **Hibernate** Template provided by Spring.
- Utilized **AJAX** to integrate **RESTful web services** into the application, supporting different formats like **text**, **JSON**, and **XML**.
- Developed web-based applications using **AngularJS**, **Ajax**, **Servlets**, **XSLT**, and **XML**. Proficient in handling **XML** and **JSON data**.
- Configured and utilized Maven as a build tool for development and deployment.
- Implemented **unit test** cases using **JUnit** and conducted unit testing as an integral part of the development cycle.

### JPMC, TX Java Developer

April 2022 – Aug 2023

- Involved in **designing, developing**, and testing **J2EE** components like **Java Beans**, **Java**, **XML**, **Collection Framework**, **JSP**, **Servlets**, and **Hibernate** and deployments in **WebLogic Server**.
- Designed and implemented the backend layer using **Hibernate** for efficient database operations and utilized **jQuery** for enhanced front-end interactivity.
- Extensively used **Spring Bean Wiring**, **Spring DAO**, and **Spring AOP modules**.
- Using **React.js** components to interact with the **REST API** and making **API** calls using the **Axios** library to create, update, retrieve, and delete the data from the database.
- Involved in all phases of **SDLC**, which includes requirement gathering, developing, unit testing, validating the test results, fixing defects, and deploying as a standalone application.
- Migrated the existing application from server-side rendering view technologies like **JSP**, **Struts**, and **Velocity** to client-side rendering view technologies using **React.js**, a popular JavaScript library for building user interfaces.
- Implemented global exception handler techniques in **Spring Boot** Application to handle application exceptions from a central resource.
- Designed and developed the **REST-based Microservices** using **Spring Boot**.
- Developed **RESTful Web API** which produces and consumes **JSON** response as part of integrating the module with the Lock Manager.
- Responsible for the overall layout design that meets cross-device compatibility using **Bootstrap**, the color scheme of the website using **HTML5**, and **CSS3**, and Responsible for creating detailed wireframes and process flows.

### Magic City Data Collective – Internship

May 2021 - Sep 2021

#### Data Fellow Summer 2021

- Analyzed and interpreted Return on Investment for a Birmingham Business Alliance
- Learned Python libraries such as Pandas, NumPy and used them for data analysis and manipulation
- Used visualization tool such as Tableau and created different charts, bar graphs, maps, dashboards, and stories for visualizing and analyzing data, to help in making business decisions
- Created and conducted different surveys to connect the youth and get their opinion on different aspect of the company and business model