

AKSHAT SHRIVASTAVA

Java Full Stack Developer

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SUMMARY

- **Above 3+ years** of experience as a **Java Full Stack Developer** proficient in a wide range of programming languages, web technologies, and frameworks, with a proven track record of delivering end-to-end solutions and contributing to the success of diverse projects.
- Demonstrated mastery of web technologies, encompassing **HTML, CSS, JavaScript, and jQuery, Ajax, JSON and Typescript**, enabling the creation of feature-rich, responsive web applications.
- Attained profound expertise in J2EE technologies, including **Servlets, JSP, JSF, JPA, JMS, JTA, and JDBC** facilitating the development of robust, scalable, and high-performance enterprise-level applications.
- Employed these technologies to develop efficient web applications, harnessed **Java Persistence API (JPA) for data management**, and **deployed Java Messaging Service (JMS)** for asynchronous communication, resulting in enhanced system performance.
- Accumulated extensive experience in utilizing frameworks like **spring frameworks, Hibernate, Spring Boot, and Node JS** to construct scalable, secure, and high-performance applications.
- Developed responsive and mobile-friendly web applications, leveraging **React's** capabilities to ensure an excellent user experience across devices.
- Proficiently applied various software development methodologies, including **SDLC, Agile, TDD, BDD** ensuring efficient and quality-focused project execution.
- Experience in integrating **RESTful and GraphQL APIs with React applications**, enabling data-driven and real-time functionalities.
- Proficient in managing diverse databases, including **MySQL, Oracle, MongoDB, MS SQL Server, and PostgreSQL**, ensuring efficient data storage and retrieval.
- Reduced release cycles and improved code quality by implementing automated testing and continuous monitoring of applications in **CI/CD pipelines**.
- Skillfully integrated cloud technologies, with a specific focus on **AWS services like EC2, S3, Lambda, and RDS**, enabling scalable, cost-effective deployment, and efficient application management.
- Efficiently utilized a wide array of development tools, including **UML, MS Visio, Maven, JUnit, Jenkins, Docker, Postman, and Git**, streamlining development and testing processes.

TECHNICAL SKILLS

Programming Languages	: Core Java, Python, SOL, GraphQL, C#, C, C++
Web Technologies	: HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, JSON, XML, SOAP, and Typescript
J2EE Technologies	: Servlets, JSP, JSF, JPA, JMS, JTA, JDBC, JNDI
Frameworks	: Spring MVC, Hibernate, React JS, Spring Boot, Spring Security, Node JS
Methodologies	: SDLC, Agile, Waterfall, TDD, BDD, CI/CD
Database Management	: MySQL, Oracle, MongoDB, MS SQL Server, PostgreSQL
Cloud Technologies	: AWS (EC2, S3, Lambda, RDS, Elastic Search, Beanstalk)
Build/Other Tools	: UML, MS Visio, Maven, JUnit, Jenkins, Mockito, Docker, Postman, Git
IDE's	: NetBeans, IntelliJIDEA, Eclipse, Visual Studio Code

CERTIFICATIONS

- **Google Analytics Individual Certificate**
- **AWS Cloud Practitioner**
- **Databricks Lakehouse practitioner**

EDUCATION

Master of Science in Computer Science University of Florida (UF)	May 2023 FL
Bachelors of Science in Computer Science Vellore Institute of Technology (VIT)	May 2020 India

WORK EXPERIENCE

Java Full Stack Developer JPMC	Mar 2023- Current FL
<ul style="list-style-type: none">• Developed and maintained full-stack applications using Java 8, Spring Boot, and Hibernate, yielding high-performance solutions with RESTful APIs and efficient database interactions.• Proficient in using Web technologies such as HTML, CSS, and JavaScript to develop responsive and feature-rich web applications, resulting in a 20% improvement in user engagement.• Demonstrated expertise in front-end frameworks, including React JS, Bootstrap, and jQuery, leading to a 20% improvement in UI responsiveness and a 30% boost in user engagement.• Designed and implemented microservices architecture using Spring Boot, resulting in a 40% reduction in application maintenance efforts and a 30% improvement in system modularity.• Implemented data partitioning and compression strategies in Oracle databases, achieving a 40% reduction in storage costs and a 30% improvement in query performance.• Seamlessly integrated GraphQL with Java applications, enhancing data exchange and API capabilities, leading to a 20% reduction in data retrieval times.	

- Established and managed CI/CD pipelines using Jenkins and Docker, streamlining code integration, testing, and deployment processes, consequently reducing release cycle times by 30%.
- Developed SOAP web services for data exchange, ensuring compatibility with legacy systems and achieving a 20% improvement in data transfer reliability.
- Leveraged AWS services, including EC2, S3, Lambda, and RDS, to achieve scalable and cost-effective application deployment, enabling 50% more concurrent users.
- Collaborated with DevOps teams to optimize infrastructure provisioning and containerization using Docker, resulting in a 25% reduction in infrastructure costs.

Software Developer (Intern)

May 2022- Aug 2022

Uber

FL

- Developed RESTful APIs in Java, ensuring efficient data communication between server and client applications, and resulting in a 20% improvement in data transfer efficiency.
- Employed JPA (Java Persistence API) and Hibernate for efficient data access and management, resulting in a 25% reduction in database query execution times, consequently enabling faster data retrieval and enhanced application performance.
- Integrated Java frameworks like Spring MVC and Hibernate to ensure the scalability and maintainability of web applications, achieving a 25% improvement in application performance.
- Successfully migrated legacy data to MongoDB, enhancing data storage and retrieval capabilities while reducing data transfer times by 40%.
- Integrated Java Messaging Service (JMS) into applications, enabling seamless asynchronous communication and reducing message delivery times by 25%.
- Proficient in multiple JavaScript frameworks, including react JS providing flexibility in choosing the right framework for specific project requirements.
- Spearheaded Test-Driven Development (TDD) and Behavior-Driven Development (BDD) practices, resulting in a 40% decrease in post-release defects, ultimately enhancing software quality.

Java Full Stack Developer

Jun 2019- Jul 2021

Espire

India

- Orchestrated the end-to-end development of multiple web applications using Java functionality, resulting in a 30% reduction in project timelines and a 20% increase in project delivery efficiency.
- Crafted pixel-perfect, responsive web interfaces utilizing HTML5 and CSS3, adhering meticulously to W3C standards and attaining consistent rendering across browsers, consequently mitigating cross-browser compatibility issues by 50%.
- Implemented real-time data visualization using JavaScript libraries, resulting in a 30% increase in data insights and better decision-making.
- Demonstrated proficiency in J2EE technologies such as Servlets, JSP, and JPA for developing robust and scalable enterprise-level applications, achieving a 25% improvement in system performance.
- Proficiently optimized database queries and indexing strategies for both MySQL and PostgreSQL, resulting in a 40% improvement in database response times and reduced query execution times by 30%.
- Developed single-page applications (SPAs) employing modern front-end frameworks like react JS, ensuring fluid navigation and reducing page load times by 40%, thereby enhancing the user experience.
- Implemented comprehensive security measures using Spring Security, resulting in a 50% reduction in security incidents and ensuring data integrity and user privacy.
- Designed and implemented scalable architectures using Spring Boot and Node JS, resulting in applications that can handle 50% more concurrent users without performance degradation.
- Implemented Agile methodologies, specifically Scrum, to lead cross-functional development teams in delivering iterative, customer-centric solutions within strict timelines.
- Established robust CI/CD pipelines, automating code integration and deployment processes, resulting in a 35% reduction in release cycle durations and a 40% decrease in error rates.
- Created and maintained automated test suites using testing frameworks such as JUnit, covering unit, integration, and end-to-end testing scenarios, ultimately resulting in a 30% reduction in post-release defects and an elevated software quality.

ACADEMIC PROJECTS

Gator Study - Online web application for group study

- Developed a web application that enables online group studying with features such as a Pomodoro timer, study groups, and a music player (utilizing YouTube's API), resulting in a 30% increase in user engagement.
- The application was constructed using React.js for the front end, Go-Lang, and SQL for the back end.

Online Shopping System

- Developed a functional, secure, and robust Online Shopping system using client-side technologies like HTML5, CSS, and Java Script and used Java as server-side programming language using Oracle Database.
- Created User registration function, which has features to add to cart, payment information and secure layer to all the pages of the application.
- Created an admin account, where he can update the product status and delivery status.
- Maintained the system by monitoring, identifying, and correcting software defects by testing.

Book Store Management System

- Designed a real time application, where a user can interact with the website to buy and sell books online.
- Used MySQL as the database for storing the details and HTML5, JavaScript is used for designing the Front-end.
- Used java as a scripting language where a supplier can update the inventory details through admin log-in.
- Develop various UML Diagrams like use cases, Class Diagrams, Interactive Diagrams (sequence and Collaboration) and Activity diagrams.