YESWANTH ADDURU
Java Full Stack Developer

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SUMMARY

- With over 3.5 years of experience as a Java Full Stack Developer, I specialize in SDLC methodologies, particularly Agile and Waterfall, to develop and maintain robust Java applications using Java 8, Spring MVC, Hibernate, and Spring Boot. My expertise extends to crafting dynamic, responsive front-ends using Angular, and Bootstrap, and managing complex SQL and NoSQL databases. I am proficient in deploying applications on servers like Apache Tomcat, AWS, and Azure, and excel in using tools like UML, Maven, and Jenkins for efficient project development and testing.

SKILLS

Programming Languages:	JAVA, Python
Web Technologies:	HTML5, CSS, Java Script, Angular, JQuery, Bootstrap, Node JS, Express JS, Postman, Typescript
Java Technologies:	J2EE, JSP, JMS, JDBC, Web Services, Servlets
Frameworks:	Spring(Spring MVC, Spring Boot, Security, Spring IOC, Spring AOP, Spring DAO), Hibernate
Databases:	MySQL, MongoDB, Azure Cosmos DB, Redis Cache, Dynamo DB
Methodologies:	Agile(SCRUM), Waterfall, TDD
Cloud:	AWS(EC2, EBS, ELB, S3), Azure, Redshift
Tools:	Eclipse, Visual Studio Code, Jupyter Notebook, Dynamics AX, Visual Studio Test Manager, Visual Studio Team Services, JIRA, GitHub, BitBucket

EDUCATION

Master of Science in Information Technology　　　　　　　　　　　　　　　　　　　　　　　**Aug 2022 - Dec 2023**
University of North Carolina at Charlotte

Bachelor of Technology in EEE　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Jun 2015 - May 2019**
SASTRA Deemed University

EXPERIENCE

Java Full Stack Developer Intern　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Jul 2023 - Current**
McKesson, NC

- Developed a custom JavaScript framework that acted as a wrapper over jQuery and AJAX, facilitating UI configuration widgets. Employed Ajax, JavaScript, JSP, jQuery, HTML5, and CSS3 in the implementation.
- Designed cloud Architecture of EC2 instances and ELB for the new release of the project.
- Designed and executed the backend layer using Hibernate, with jQuery and AngularJS serving as frontend frameworks.
- Utilized AngularJS factories for REST API interaction, leveraging the $http service for creating, updating, retrieving, and deleting data from the database.
- Demonstrated a solid grasp of Core Java concepts, including OOP, Collections Framework, Exception Handling, I/O System, Multi-Threading, JDBC, and Generics.
- Integrated MySQL's full-text indexing for advanced search capabilities, enabling complex searches across extensive datasets with high precision.
- Proficiently integrated Redis Cache into the application stack, significantly enhancing data access speed and reducing database load, resulting in a 30% improvement in response times.
- Developed scalable web applications using the Spring Framework, employing Spring Boot for rapid development, Spring MVC for efficient separation of concerns, and Spring Data JPA for streamlined database operations.
- Implemented role-based access control (RBAC) using Spring Security, ensuring authentication and authorization policies were effectively enforced.
- Successfully completed a Proof of Concept (PoC) involving Hibernate and Mongo DB for application development.
- Integrated Spring and Hibernate to create the business layer, facilitating data retrieval for JSF beans.
- Utilized Amazon Web Services (AWS) data store to store records, prescriptions, bills, etc., and accessed them through AWS SDK for Java, employing NoSQL queries for retrieval.

Senior Software Design Engineer, Newgen Software, India　　　　　　　　　　　　　　　　**Dec 2021- May 2022**

- Acted as the primary resource for Angular development of an Enterprise Service Management (ESM) tool, providing technical leadership and expertise in Angular frameworks to drive the project's success.
- Effectively executed and led planning and implementation meetings involving a committee of 10 developers, fostering collaboration and alignment on project goals and development strategies.
- Demonstrated a proactive approach by identifying and addressing 50% of the project's bugs, significantly enhancing system functionality and software reliability.
- Championed agile development practices, including daily stand-ups, sprint planning, backlog grooming, and conducted regular product demo days with product stakeholders, ensuring the project's adherence to agile principles.
- Led the seamless integration of the Angular front-end with Java-based RESTful APIs, orchestrating a cohesive architecture for data exchange and greatly improving the overall responsiveness of the ESM tool.
- Designed and implemented robust security measures using Spring Security, OAuth2, and JWT tokens, fortifying the ESM tool against unauthorized access and ensuring the integrity of sensitive data.
- Played a critical role in maintaining high code quality standards by conducting thorough code reviews and providing mentorship to junior developers. Emphasized best practices in both front-end and back-end development to ensure clean, efficient, and maintainable code.
- Leveraged expertise in Spring Boot to architect and maintain a microservices-based architecture, resulting in substantial improvements in scalability and manageability for the ESM tool.
- Demonstrated proficiency in full-stack development by actively contributing to both front-end (Angular) and back-end (Java-based RESTful APIs) components of the ESM tool, showcasing versatility and a holistic approach to software engineering.

Software Engineer, Infosys Ltd., India　　　　　　　　　　　　　　　　　　　　　　　　　　**Sep 2019- Sep 2021**

- Developed multiple enterprise-grade web applications using Java and Spring Boot, enhancing system reliability and processing over 10,000 transactions daily.

- Collaborated with a team of 8 UX designers and 5 front-end developers to integrate Angular and Bootstrap, resulting in a 40% improvement in UI/UX design as reported by user feedback.
- Employed Java 8 features extensively, optimizing the existing codebase which led to a 25% increase in execution efficiency.
- Implemented database interactions for 5+ large-scale applications using Spring Data and Hibernate, interfacing with both SQL and NoSQL databases to handle over 1TB of data.
- Spearheaded the transition of a critical Airbus project, leading a team of 50 developers to deliver the Angular app on schedule, improving the customization process by 30%.
- Resolved over 100+ critical bugs in key company products, which contributed to a 50% reduction in customer support tickets.
- Applied agile development practices across 10+ sprints, enhancing project robustness and contributing to a 20% faster release cycle.
- Conducted load testing on applications serving up to 50,000 concurrent users, ensuring 99.9% uptime, and monitored resources using AWS CloudWatch to achieve a 15% improvement in resource utilization.
- Developed a stand-alone Angular-Java application within 3 months, enabling management to track and monitor 200+ employee skills, enhancing productivity by 20%.
- Created and maintained 30+ dynamic UIs using JSP, Servlets, and Angular, effectively managing application scalability in AWS to support user bases of over 100,000.
- Automated frontend development processes, reducing the development time by 35% with a custom-built tool integrating Spring MVC and Hibernate with a MySQL database.
- Maintained and optimized NoSQL database structures with MongoDB, implementing caching strategies that reduced data retrieval times by 50%.
- Integrated social media feeds into 5 major web applications using Angular, dynamically updating content and improving user engagement by 25%.
- Facilitated smooth site navigation with Angular Router for applications with over 500+ daily active users, improving navigation efficiency by 40%.

Software Engineer Intern, Infosys, India   **Dec 2018- Apr 2019**
- Ranked in the top 10 during training on Python, SQL, JAVA, Angular, Typescript, CSS, Restful APIs, HTML, C#, MVVM, Prism, Hibernate, JPA, and Bootstrap.
- Led a team of three developers to develop an angular dashboard to monitor live readings of the current, temperature, and voltage of machines using an IoT module. Developed 105 APIs for the same project.
- Gained proficiency in Core Java through hands-on experience with the Collections Framework, multithreading, and memory management, contributing to the development of efficient code.
- Collaborated effectively in an agile team, utilizing a Content Management System for workflow enhancement and content versioning.
- Applied JavaScript knowledge to perform client-side validations and manipulate HTML elements, improving interactivity and user experience on web pages.
- Participated in the design and implementation of web applications using Spring MVC Framework and Angular, focusing on learning MVC architecture and dependency injection.
- Contributed to front-end development, creating responsive UI components with HTML5, CSS, and jQuery, ensuring cross-browser compatibility and adherence to accessibility standards.
- Supported backend development by employing Hibernate and Spring for data persistence and transaction management, focusing on learning the integration of frameworks in application stacks.
- Assisted in optimizing database queries and introduced to caching strategies, observing a significant improvement in database performance.
- Engaged with MySQL monitoring tools to understand database performance tuning under the guidance of senior developers.
- Learned project management and issue tracking using tools like JIRA, enhancing my understanding of the software development life cycle.
- Developed problem-solving skills by assisting in troubleshooting and debugging application issues, contributing to enhanced application stability.

PROJECTS

Aircraft interior design using angular web app
- Led the development of an innovative Angular web application for aircraft interior design, enhancing user experience and design efficiency.
- Integrated 3D models and interactive elements using D3.js, allowing real-time visualization and customization of aircraft interiors.
- Implemented a robust Java backend for seamless data flow, security, and communication with Angular, ensuring a responsive and efficient application.

Building design using angular web app
- Successfully managed and delivered a complex building design project using an Angular web application, ensuring timely completion and meeting all specified requirements.
- Prioritized user experience in the design and development process, incorporating user feedback to continually improve the application's functionality and usability.
- Collaborated effectively with a diverse team of architects, designers, and software developers, fostering a productive work environment and ensuring the successful execution of the project.

Skills management using an Angular Web App
- Successfully led the development of a skills management web application using Angular, ensuring the project was delivered on time and met all specified requirements.
- Implemented robust data management systems to track and manage user skills, progress, and goals, utilizing Angular's powerful data binding and dependency injection features.

Monitoring live reading of current, temperature and voltage of machines using IoT module and Angular Dashboard
(IoT, Cloud, Angular, Spring, Hibernate, Java, MySQL)
- Developed a responsive Angular dashboard for real-time monitoring and visualization of critical machine parameters, such as current, temperature, and voltage.
- Designed and implemented a Java backend using Spring and Hibernate to handle IoT data ingestion, processing, and storage in a MySQL database.