

ABHILASH REDDY OLADRI

Full-Stack Developer

abhilasholadri.reddy@gmail.com

+1 (626) 616 - 0363

<http://www.linkedin.com/in/AbhilashOladri>

SUMMARY

Versatile Full Stack Developer with over 5 years of experience specialized in creating dynamic applications using Java, JavaScript, TypeScript, Angular, and React. Expertise in Spring and Spring Boot frameworks supports robust backend development, while proficiency in SQL and Oracle ensures efficient database management. Skilled in CI/CD practices, cloud services like AWS and Azure, and excels in deploying scalable solutions in a cloud-native ecosystem, aligning with contemporary development standards and business requirements.

SKILLS

Languages & Frameworks	Java, JavaScript, TypeScript, Spring Boot, JPA & Hibernate
Database Management	MySQL, Oracle, Hive
Web Technologies	Angular, React, Node.js, HTML, CSS, jQuery, Restful APIs, GraphQL
Testing & QA	JUnit, Mockito, Apache Jmeter
Cloud Services	AWS, OneOps, Microsoft Azure
CI/CD Tools	Jenkins, Looper, Concord, Docker, Kubernetes
Development Tools	IntelliJ Idea, Maven, Jira, Git

WORK EXPERIENCE

[LexisNexis Risk](#) | Dallas, Texas, US

[Full-stack Developer](#) | Contract | Oct 2022 - Present

Ride Internal Portal (Angular 13, JavaScript, TypeScript, Java 11, Spring Boot, Restful, AWS, MySQL, Linux, Maven, Jenkins, Kubernetes, GIT, JIRA, SonarQube):

- **Enhanced System Efficiency:** Streamlined the internal processing workflows by developing a comprehensive portal using Angular 13 and Spring Boot, leading to a 30% reduction in average transaction processing time and significantly improving the operational efficiency of the backend teams.
- **Data Handling Improvements:** Implemented robust data integration solutions using Java 11 and RESTful APIs, enhancing data accuracy and reliability across systems. This resulted in a 25% decrease in data discrepancies and improved the decision-making process for management.
- **User Interface Optimization:** Overhauled the user interface with responsive Angular 13 components, improving user satisfaction scores by 40% as measured by internal surveys focused on usability and visual appeal.
- **Cloud Integration:** Successfully migrated key components of the portal to AWS, achieving a 20% cost reduction in infrastructure maintenance and a 99.9% uptime, thereby enhancing the reliability of the internal portal.

Ride Customer Web Portal (Angular 13, JavaScript, TypeScript, Java 11, Spring Boot, Restful, AWS, MySQL, Linux, Maven, Jenkins, Kubernetes, GIT, JIRA, SonarQube):

- **Customer Engagement Enhancement:** Leveraged TypeScript and Angular 13 to develop interactive features that boosted customer engagement by 50%, as evidenced by increased session durations and user interaction metrics on the web portal.
- **Security Enhancements:** Implemented advanced security protocols and features in Java with Spring Boot, reducing security incidents by 70% and safeguarding sensitive customer data effectively.
- **API Performance Optimization:** Enhanced the performance of RESTful services, reducing API response times by 45%, which significantly improved the user experience for customers accessing real-time data.
- **Data Security with AWS IAM:** Configured AWS Identity and Access Management (IAM) policies to secure access to backend systems and data stored in AWS services, including S3. Developed stringent access controls and encryption practices, significantly reducing potential security breaches, and ensuring compliance with internal data protection standards.

- **AWS Lambda for Automated Tasks:** Employed AWS Lambda to automate routine tasks, such as data backups and custom alert notifications for the Ride Customer Web Portal. This serverless computing service reduced operational overhead and improved efficiency by automating processes that were previously manual.
- **Enhanced Performance with AWS CloudFront:** Integrated AWS CloudFront with S3 to distribute static assets of the Ride Customer Web Portal globally. This content delivery network (CDN) implementation ensured low-latency delivery to a diverse customer base, improving load times by up to 40% and significantly enhancing the user experience.

Migration and maintenance

- **Legacy System Migration:** Contributed to the migration of a critical legacy application to a modern Java-based framework, enhancing system scalability and performance. Participated in various stages of the migration process, including data migration, testing, and deployment, which led to a 40% increase in processing speed and a 50% reduction in server downtime. Supported the team in ensuring a seamless transition with minimal disruption to business operations.
- **Legacy Application Maintenance:** Assisted in the maintenance and incremental upgrades of a legacy system, helping to extend the application's operational life by 3 years through strategic enhancements and bug fixes. Contributed to improving system stability by 30% and reducing the frequency of critical issues by 60%, via code optimization and refactoring. Helped implement automated monitoring tools to enhance system reliability and user satisfaction.

Walmart Inc | Bentonville, AR, US

Software Engineer – II | Full-Time | Feb 2018 – July 2020

Global Data Portal (JavaScript, TypeScript, React, Node.js, Java, Spring Boot, Restful, Kafka, Azure, MySQL, Hive, Junit, Mockito, Splunk, Postman, Linux, Maven, Looper, Kubernetes, OneOps, GitHub, Jira, SonarQube):

- **Data Management and Dashboard Development:** Actively contributed to the development of Walmart's "Global Data Portal," crafting a scalable, sector-agnostic web interface that provides seamless data access across finance, real estate, retail, marketing, and supply chain sectors.
- **Backend Architecture and Data Streamlining:** Engineered a resilient backend architecture using Java and Spring Boot, crafting a suite of microservices that efficiently supported the diverse data needs of each sector, ensuring high performance and reliability. Integrated Kafka to streamline high-volume data streams, which significantly enhanced application throughput and operational reliability.
- **Data Modeling and Analysis:** Designed and implemented complex data models in MySQL and utilized Apache Hive for processing and analyzing large datasets, enabling advanced data insights, and reporting functionalities within the portal. This facilitated efficient data storage, retrieval, and integrity, especially for sensitive sector-specific information.
- **CI/CD and Testing:** Orchestrated containerization using Docker and managed deployments on Kubernetes, enhancing scalability, and streamlining CI/CD workflows with Looper (Jenkins). Achieved 95% code coverage with unit and integration tests, utilizing JUnit, Mockito, and Postman, which contributed to a 40% reduction in production bugs and enhanced portal reliability.
- **Collaboration and Stakeholder Engagement:** Collaborated closely with data analysts and product owners across multiple sectors, incorporating their specific data requirements into the portal's development. This ensured the portal's alignment with strategic business needs, enhancing its usability and value across the organization.
- **Cloud and Application Lifecycle Management:** Deployed OneOps for comprehensive cloud and application lifecycle management, ensuring efficient scaling, monitoring, and maintenance of the portal's infrastructure across Azure environments.

Vision Technologies | Hyderabad, TG, IN

Software Developer | Full-Time | May 2014 - Jul 2015

Pulse Credit (Java, Spring, Oracle, Junit, Postman, Maven, GitHub, Jira):

- **Backend Development:** Actively assisted in the development of Java-based components for the application, utilizing Spring and Hibernate frameworks to enhance the efficiency of the loan approval workflow. Focused on creating robust backend functionalities that improved process reliability and speed.
- **Database Management and Integrity:** Supported database management tasks in Oracle, contributing to the organization and maintenance of critical data, ensuring accurate and efficient loan processing. Played a key role in optimizing database queries and schemas to support high-volume data handling.

- **Version Control and Team Collaboration:** Participated in code versioning and management using GitHub, ensuring smooth collaboration within the development team. Managed branching and merging processes, helping to maintain code integrity, and facilitating team contributions.
- **Build and Dependency Management:** Engaged with Maven for build and dependency management, facilitating streamlined project setup and maintaining consistent builds across the development team. Enhanced automation in build processes to reduce setup times and improve development efficiency.
- **Testing and Quality Assurance:** Contributed to manual testing efforts and the maintenance of extensive test case suites, using JUnit to identify and resolve software bugs. This involvement helped improve the overall quality and reliability of the application. Additionally, assisted with the creation of mock objects using the Mockito framework, which enhanced the accuracy of unit tests.
- **Documentation and Support:** Assisted in the creation of essential documentation, including API guides and user manuals. These documents supported project transparency and enhanced cross-team communication, making it easier for new team members to understand the project and for stakeholders to review project details.
- **Process Adaptation and Learning:** Followed the Waterfall development methodology under senior guidance, contributing effectively to structured project phases. This experience not only aided in the timely completion of tasks but also deepened understanding of traditional project management approaches in software development.

EDUCATION

Master's Degree in Computer & Information Systems

California University of Management and Sciences | Jan 2016 - Sep 2017

Bachelor's degree in Mechanical Engineering

Jawaharlal Nehru Technological University | Sep 2010 - April 2014