

# Yashwanth Kumar Chimata

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## PROFESSIONAL SUMMARY

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- Full Stack Developer with 4 years of experience in building and deploying full-stack applications using a deep technology stack including Java (Spring Boot, Spring MVC), JavaScript (React.js, Node.js), Angular, and authentication with OAuth.
- Experience working with relational (MySQL, PostgreSQL) and NoSQL databases (MongoDB), with proficiency in creating architectural designs for microservices and API endpoints, ensuring high availability and performance.
- Expert in leading front-end frameworks and libraries like React.js, Angular, Next.JS, HTML, CSS, JavaScript, Ajax, JSON, XML, and Redux to construct complex, modular, and reusable UI components, leveraging virtual DOM for performant updates.
- Proficient in developing J2EE applications using Spring MVC for developing REST APIs and building scalable microservices.

## WORK EXPERIENCE

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### **JPMorgan Chase & Co., TX**

*Jan 2024 – Present*

#### *Full Stack Developer*

- Enhanced a Transaction Management application for performance optimization by implementing techniques such as Code Splitting and DynamicImport, resulting in a 25% reduction in initial load time.
- Led back-end development of enterprise applications using J2EE and Spring Boot, reducing response times by 20%.
- Facilitated Spring Data JPA with both MySQL and PostgreSQL databases to streamline data access within the Spring Boot application, reducing development time for the data access layer by 10%.
- Leveraged React's built-in caching mechanisms and integrated with Java APIs to optimize data fetching strategies for most accessed data, achieving a 30% reduction in average page load times.
- Integrated seamlessly with legacy systems by utilizing Java Database Connectivity (JDBC) and Object Relational Mappers (ORMs) such as JPA, improving system reliability by 10%.
- Deployed Docker containerization to integrate Docker images into CI/CD pipelines, automating Java application builds, testing, and deployments, resulting in a 30% decrease in deployment time.
- Implemented unit testing with JUnit and Mockito, increasing code quality and reducing post-production defects by 15%.
- Established a robust GraphQL API as part of a microservices architecture, reducing API calls by 20% compared to traditional REST architecture.

### **KPIT Technologies, India**

*Jan 2020 – Jul 2022*

#### *Full Stack Developer*

- Leveraged Angular Flex-Layout to create responsive layouts across 20+ components, enhancing the user experience across devices, and contributing to a 40% reduction in bounce rate.
- Achieved complete unit and integration tests using Java Spring Boot (JUnit), automating backend API testing, and enhancing product reliability by reducing testing redundancy by 40%.
- Developed Java applications using Spring and Hibernate with JPA, improving code maintainability, and reducing bugs by 15%.
- Executed containerized applications on AWS EKS, leading to a 35% reduction in deployment times by optimizing resource utilization through automated scaling policies.
- Secured applications using Spring Security, implementing authentication mechanisms such as OAuth2 and JWT, reducing security vulnerabilities by 25%.
- Built a RESTful API with endpoints using Spring MVC/Spring WebFlux, providing a clean, well-defined interface for data access that raised response times by 20%, supporting seamless integration with external systems.
- Designed and configured a robust CI/CD pipeline using AWS CodePipeline and Git-based version control tools with dedicated stages for building, testing, and deployment, improving delivery speed by 30%.
- Orchestrated efficient NoSQL database solutions using MongoDB, optimizing data retrieval times by 25% and implementing partition key strategies, leading to a reduction in query latency.

## SKILLS

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- **Methodologies:** SDLC, Agile, Waterfall
- **Languages:** Java, JavaScript, TypeScript, C#, Python, GoLang
- **Frameworks/Libraries:** Hibernate, JSF, React.JS, Angular, Next.js, Node.JS, GraphQL, Vue.js, JUnit, Mockito, .NET
- **Spring Frameworks:** Spring Boot, Spring MVC, Spring REST, Spring Web Flux, Spring Batch, Spring Security
- **J2EE Technologies:** Servlets, JSP, JPA, JSTL, JavaBeans, JDBC, Microservices
- **Web Technologies:** HTML5, CSS, Tailwind CSS, JavaScript, Bootstrap5, jQuery, Ajax, JSON, XML, Redux
- **Cloud:** AWS (EC2, SQS, SNS, RDS, Cloud Watch), Microsoft Azure (AKS, Azure DevOps, Azure Functions)
- **Database:** MySQL, PostgreSQL, MongoDB, Oracle
- **DevOps:** Docker, Kubernetes, CI/CD
- **Tools/Technologies:** Maven, Gradle, Git, GitHub, Jenkins, Postman, Junit, Grafana, Kafka, MQ

## EDUCATION

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### **Master of Science in Computer Science**

University of Alabama at Birmingham – Birmingham, AL