

Umesh Chandra Reddy A

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Sr. SOFTWARE ENGINEER | JAVA DEVELOPER

JAVA | HIBERNATE ORM | SPRING BOOT | MICROSERVICES

Highly skilled and detail-oriented **Java Full Stack Developer** with over **3** years of experience in designing, developing, and maintaining scalable web applications. Proficient in **Java, Spring Boot, Hibernate, and RESTful APIs** on the backend, and adept in modern frontend technologies such as **Angular, React, and JavaScript**. Expertise in **Microservices architecture**, database management (**MySQL, SQL Server**) and cloud platform **Azure**.

PROFESSIONAL EXPERIENCE

Java Developer – Wipro Limited

Sep2022-Present

Bangalore

- Developed and optimized backend components using **Spring Boot**, improving system response times by 35% in high-traffic scenarios.
- Designed and implemented 60+ **RESTful APIs** to support seamless communication between front-end and back-end systems, ensuring 99% uptime and reliability.
- Streamlined **database** operations with efficient queries and indexing strategies, enhancing data retrieval speed by 40% for real-time analytics.
- Collaborated with cross-functional teams in an **Agile** environment to deliver project milestones 20% faster while maintaining high-quality code standards.

Cloud Azure Trainee – Wipro Limited

Mar2022-Jun2022

Bangalore

- Underwent 3-month structured training on Java development and basic Azure cloud concepts.
- Built simple web applications using **Java 8** and hosted locally to understand **MVC** architecture.
- Gained exposure to **Azure** fundamentals including resource groups, virtual machines and App Services.

EDUCATION

Bachelor of Technology (B. Tech) – Electronics and Communication Engineering

2018-2022

Kalasalingam Academy of Research and Education, Virudhunagar (9.24 CGPA)

Senior Secondary (Class XII) - Science (PCM)

2016-2018

Nalanda Junior College, Anantapur (97 %)

Secondary (Class X)

2015-2016

Sri Vidyanikethan E.M School, Anantapur (9.7 CGPA)

PROFESSIONAL SKILLS

- Programming Languages:** Java, JavaScript
- Frontend Technologies:** HTML, CSS, React.js
- Backend Technologies:** Spring Boot, Hibernate, RESTful APIs, Microservices
- Databases:** MySQL, SQL Server
- Version Control:** Git, GitHub
- Cloud Platforms:** Microsoft Azure
- Testing Frameworks:** JUnit, Mockito
- Other Tools:** Postman, Eclipse, IntelliJ IDEA, Sonar Qube, Rally

PROJECTS

Clinical Health Assessment (CHA)

Technologies: **Spring Boot, Spring JDBC, Spring Security, SQL, Azure**

- Developed core modules of a Clinical Health Assessment system to automate patient data processing, streamline preventive care evaluations, and improve healthcare decision-making accuracy.
- Implemented **20+ RESTful** APIs for seamless communication between client and server.
- Utilized **SQL** for efficient data storage and management with 30+ different tables, ensuring data integrity and security.
- Implemented user authentication with Spring Security, resulting in a 50% increase in application security.
- Integrated Azure Blob Storage to retrieve configuration and constant files required by microservices, ensuring dynamic behavior without redeployment.

Digital Pre-Assessment (DPVA)

Technologies: **Core Java, Java 8, Spring Boot, Spring JDBC, SQL**

- Developed key features of the Digital Pre-Assessment (DPVA) module using Core Java and **Java 8** features like **Streams** and **Lambda** expressions for efficient data processing.
- Utilized **Spring JDBC** and custom mappers for efficient database interactions and ensured data consistency. Enhanced system stability with robust exception handling, detailed logging, and optimized performance for high-volume data workflows.
- Implemented complex business rules and validations in alignment with UHG clinical guidelines, ensuring accurate preventive care assessments and regulatory compliance.
- Resolved SonarQube code quality issues and improved test coverage by writing unit and integration test cases using JUnit and Mockito, enhancing maintainability and reducing technical debt.

CERTIFICATIONS

Microsoft Azure Fundamentals (AZ-900) [Link](#)

Microsoft Data Fundamentals (DP-900) [Link](#)

Microsoft Azure Administrator Associate (AZ-104) [Link](#)

Cloud Azure by Great Learning [Link](#)

CORE COMPETENCIES/STRENGTHS/PERSONAL TRAITS

- **Problem-Solving:** Resolved backend issues in a high-traffic e-commerce platform, reducing downtime by 40%.
- **Collaboration:** Worked in Agile teams to deliver a microservices-based solution that enhanced scalability by 30%.
- **Adaptability:** Quickly mastered new frameworks like React and Spring Boot, enabling faster delivery of client projects.