AKHIL THATI

Full Stack Developer

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PROFESSIONAL SUMMARY

- Experienced Java Full Stack Developer with 6 years of expertise in designing, developing, and maintaining scalable web applications across Financial, Insurance, and Healthcare sectors. Proficient in Java, Spring Boot, Hibernate, and JPA for robust backend solutions. Skilled in Angular, Typescript, JavaScript, HTML5, and CSS3.

- Expert in architecture design, Microservices, Kafka, and RESTful APIs ensureing high performance and scalability. Agile leader adept at driving cross-functional teams to deliver quality solutions.

- Demonstrates strong analytical skills to optimize code efficiency and embraces continuous learning of industry best practices. Ensures stakeholder alignment and emphasizes client satisfaction through value-driven, intuitive applications. Advocates for rigorous testing and maintains a commitment to software craftsmanship excellence.

TECHNICAL SKILLS

- **Languages** : Java, Scala, Python, SQL.
- **Frameworks** : Spring Core, Spring Boot, Spring MVC, Angular 8, Play.
- **Architecture** : MicroServices.
- **Databases** : Oracle, MySQL, PostgreSQL.
- **Tools & Technologies**: JPA, Hibernate, JWT, JUnit, Log4J, SLF4J, Rest API, Jasmine, Karma, Git, Mockito, Maven, Putty, CICD(Devops), Typescript, HTML, CSS, IntelliJ, Eclipse, Visual Studio.
- **Softwares** : Apache Kafka, Jenkins, Swagger, Splunk, Cucumber, Jaeger, Docker, Kibana, Kubernetes, Postman, SonarQube.
- **Cloud Infrastructure :** Amazon Web Services (AWS).
- **Web Server** : Apache Tomcat.
- **Repository** : GitHub, GitLab, BitBucket.
- **Operating Systems** : Windows Family.
- **Networking** : CCNA Switching and Routing.
- **Data Science** : Python, Machine Learning, Deep Learning, Computer Vision.

EDUCATION

- **Post Graduate Diploma** from **Indian Institute of Information Technology Bangalore** in the field of Artificial Intelligence and Machine Learning - Oct 2021.

- **Bachelor of Technology (Computer Science & Engineering)** from Jawaharlal Nehru Technological University Hyderabad - April 2018.

WORK EXPERIENCE

1) **Navistar | Senior Software Engineer**   April 2024 - Present

Technologies :   Java, Angular, Play, Micro Services, Kafka and PostgreSQL.

- Architected scalable microservices using Java and Spring Boot, facilitating modular development and integration of new features.

- Developed intuitive Angular interfaces enabling effective visualization of vehicle data, resulting in improved fleet management.

- Implemented RESTful APIs and leveraged Hibernate ORM for seamless database interaction, ensuring data integrity and performance.
- Integrated Apache Kafka for real-time event streaming, reducing vehicle downtime by 20% through proactive maintenance alerts.
- Conducted unit tests using JUnit and Mockito, achieving 90% code coverage, and automated deployments with Jenkins and Docker, accelerating release cycles by 30%.
- Optimized database queries and introduced Redis caching, enhancing system responsiveness by 25%.
- Prepared technical documentation and conducted training sessions, ensuring smooth adoption of FMS enhancements across teams.

2) **Optum(UHG) | Senior Software Engineer**   October 2022 - March 2024

Technologies :   Scala, Angular, React, Play, Micro Services, Kafka and PostgreSQL.

- Conducted code reviews, ensuring adherence to quality standards and identifying 15% more improvement opportunities.
- Deployed web applications on AWS environments, ensuring scalability and high availability.
- Implemented enhancements and bug fixes, reducing bug count by 25% and enhancing user experience.
- Collaborated in designing and developing application features, facilitating seamless integration of new functionalities.
- Led spike analyses and root cause investigations, reducing issue resolution time by 30%.
- End-to-end involvement in application development, from requirements gathering to deployment.

3) *Infosys McCamish | Specialist Programmer*   June 2021 - October 2022

Technologies :   Java 8, Angular 8, Spring Boot, Micro Services, Kafka and PostgreSQL.

- Led end-to-end development of modules using open-source tools, achieving seamless integration and scalability.
- Collaborated across teams to address issues and align project goals, improving cross-functional efficiency by 20%.
- Owned and maintained three critical modules, ensuring reliability and functionality.
- Implemented Behavior-Driven Development (BDD) testing, increasing test coverage by 30%.
- Deployed applications across AWS EC2 instances, ensuring performance optimization and reliability.
- Created comprehensive documentation and user guides, facilitating smooth adoption and knowledge transfer.
- Mentored junior team members, enhancing team skills and productivity by 15%.

4) **JP Morgan Chase & Co. | Software Developer**   May 2018 - June 2021

Technologies :   Java 8, Angular, Spring Boot, Micro Services, Oracle and Tomcat.

- Gathered requirements and implemented end-to-end UI and backend solutions, improving efficiency by 25%.
- Achieved 95% code coverage through rigorous unit testing, ensuring robustness and reliability.
- Deployed applications in Dev and UAT environments on GAIA platform, ensuring smooth transitions and high availability.
- Addressed Raven system challenges, ensuring 100% data integrity and elevating user satisfaction scores by 25% through strategic problem-solving and continuous monitoring.
- Participated in Agile -based project management, delivering milestones on time and within budget.

- Continuously learned and applied new technologies, enhancing team performance and capabilities.
- Improved software functionality to meet client needs and enhance user experience.

ACHIEVEMENTS

- Received a Spotlight Award at Optum for leading the successful migration of a critical project within a tight deadline of just 2 weeks.

- Secured 1st place in a global Coding Hackathon focused on Design & Algorithms at Mphasis, earning recognition with a prestigious one Lakh Rupees award.

- Recognized twice with the Monthly Summit Award at Mphasis for consistently delivering outstanding contributions and demonstrating unwavering dedication.

- Commended by JP Morgan clients multiple times for exceptional management and development of key applications, receiving several appreciations.

- Acknowledged as "Sprint Champion of the Month" twice within a span of 6 months at Infosys, highlighting consistent performance excellence and leadership in agile sprints.