

AKHIL THATI

Full Stack Developer

Email id: akhilthati@gmail.com

Mobile: +1 (913) 915-5450

PROFESSIONAL SUMMARY

- **Extensive Expertise:** Seasoned Java Full Stack Developer with **6 years** of hands-on experience in designing, developing, and maintaining robust, scalable web applications across the entire software development lifecycle.
- **Full Stack Proficiency:** Proficient in both front-end and back-end technologies, adept at leveraging Java frameworks like Spring Boot, Hibernate, and JPA for back-end development, while also skilled in crafting dynamic user interfaces using JavaScript, HTML5, and CSS3.
- **Architecture Design:** Demonstrated ability to architect and implement complex systems, with a keen understanding of design patterns, micro-services architecture, and RESTful API design principles, ensuring high performance, scalability, and maintainability.
- **Team Leadership:** Proven track record of leading cross-functional teams, fostering collaboration, and driving projects from conception to completion, while adhering to Agile methodologies and ensuring timely delivery of high-quality solutions.
- **Problem Solving:** Strong analytical and problem-solving skills, with a knack for identifying root causes and implementing effective solutions to technical challenges, resulting in optimized code efficiency and enhanced system performance.
- **Continuous Learning:** Passionate about staying updated with the latest trends and technologies in the Java ecosystem, actively participating in professional development activities, and incorporating industry best practices into development work-flows.
- **Effective Communication:** Excellent communication skills, both verbal and written, enabling seamless collaboration with stakeholders, clear articulation of technical concepts, and successful documentation of project requirements, designs, and implementations.
- **Client Satisfaction:** Committed to delivering value-driven solutions that exceed client expectations, with a focus on understanding business requirements and translating them into scalable, user-friendly applications that drive business growth and innovation.
- **Quality Assurance:** Proponent of rigorous testing practices, including unit testing, integration testing, and automated testing, ensuring the delivery of robust, bug-free software that meets quality standards and enhances user experience.
- **Passion for Excellence:** Dedicated to maintaining high standards of code quality, software craftsmanship, and best coding practices, with a relentless pursuit of excellence in every aspect of software development, from architecture to deployment.

TECHNICAL PROFICIENCY

- **Languages** : Java, Scala.
- **Frameworks** : Spring, Spring Boot, Spring MVC, Angular 8, Play.
- **Architecture** : MicroServices.
- **Databases** : Oracle, MySQL, PostgreSQL.
- **Development Tools** : IntelliJ, Eclipse, Visual Studio, Swagger, Maven, Putty, CICD(Devops).
- **Softwares** : Apache Kafka, Jenkins, Splunk, Cucumber, Jaeger, Kibana, Kubernetes, Postman.
- **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 **IIITB** in the field of Artificial Intelligence and Machine Learning - Oct, 2021.
- **Bachelor of Technology (Computer Science & Technology)** from Institute of Aeronautical Engineering, JNTUH - April, 2018.

PROJECTS

1)

- **Project Title** : Fleet Management System Enhancement
- **Type** : Web based Application
- **Technologies** : Java, Angular, Play, Micro Services, Kafka and PostgreSQL.
- **Role** : Senior Software Engineer
- **Company** : **Navistar**
- **Duration** : April, 2024 - Present.

Navistar's Fleet Management System (FMS) is a critical tool for managing their fleet of vehicles efficiently. The project aimed to enhance the existing FMS to provide real-time insights into vehicle performance, streamline maintenance scheduling, and optimize route planning.

Roles & Responsibilities:

- **Architecture Design:** Designed and implemented scalable microservices architecture using Java, Spring Boot, allowing for modular development and easy integration of new features.
- **Front-end Development:** Developed intuitive user interfaces using Angular, enabling fleet managers to visualize vehicle data, track maintenance schedules, and plan routes effectively.
- **Back-end Development:** Implemented RESTful APIs and utilized Hibernate ORM for seamless interaction with the database, ensuring data integrity and optimal performance.
- **Real-time Monitoring:** Integrated Apache Kafka for real-time event streaming, enabling instant notification of vehicle malfunctions and proactive maintenance scheduling to minimize downtime.
- **Testing and Deployment:** Conducted comprehensive unit tests using JUnit and Mockito, and implemented continuous integration and deployment pipelines with Jenkins and Docker, ensuring rapid and reliable delivery of updates to production.
- **Performance Optimization:** Optimized database queries and introduced caching mechanisms using Redis, resulting in significant improvements in system responsiveness and scalability.
- **Documentation and Training:** Prepared detailed technical documentation and conducted training sessions for internal teams, facilitating smooth adoption of the enhanced Fleet Management System.

2)

- **Project Title** : Rally Health - Coaching Web
- **Type** : Web based Application
- **Technologies** : Scala, Angular, React, Play, Micro Services, Kafka and PostgreSQL.
- **Role** : Senior Software Engineer
- **Company** : **Optum Global Solutions(United Health Care)**
- **Duration** : October, 2022 - March, 2024.

Rally Health is a platform to improve Health and Health Care, Together in Health industry. Rally Health builds digital experiences that make it easier to access care and stay healthy while lowering costs. This application provides people with personalized, data-driven health care information and recommendations that help improve and lower cost for everyone.

Roles & Responsibilities:

- Reviewing Pull Requests of peers.
- Deployment of application in multiple environments (AWS).
- Responsible for deploying web based applications in multiple environments (AWS).
- Implemented enhancements and bug fixes for existing software applications.
- Collaborated in design and development of application.
- Conducted code reviews to maintain high quality standards and identify areas for improvement.
- Requirements gathering, Spike analysis.
- Root cause analysis/Investigation.
- End to End involvement in application development.

3)

- **Project Title** : **McCamish NGIN**
- Type : Web based Application
- Technologies : Java 8, Angular 8, Spring Boot, Micro Services, Kafka and PostgreSQL.
- Role : Specialist Programmer
- Company : **Infosys McCamish**
- Duration : June, 2021 - October, 2022.

Infosys McCamish **NGIN** is a new platform for Global Life Insurance and Annuity industry. This platform is founded on an evolutionary architecture, configurable to address global and regional needs of insurance carriers. It is developed using **completely open source tools and technologies**.

Roles & Responsibilities:

- End to End involvement in application development.
- Developed the application with complete open source tools and technologies.
- Collaborated with cross-functional teams to address issues and achieve common goals.
- Developed the application with complete open source tools and technologies.
- Created comprehensive documentation detailing system designs, user guides, and technical specifications.
- Owner for 3 modules/Microservices.
- Behavior Driven Development testing.
- Deployment of application in multiple environments (AWS).
- Developed training materials for new employees and facilitated training sessions.
- Mentored junior team members by providing guidance on best practices and professional development opportunities.
- Assisted teams with application of basic diagnostic techniques to identify problems, investigate causes and recommend solutions.

4)

- **Project Title** : **Client Onboarding Lifecycle Tool (COLT)**
- **Type** : Web based Application
- **Client** : **JPMorgan Chase & Co.**
- **Technologies** : Java 8, Angular, Spring Boot, Micro Services, Oracle and Tomcat.
- **Role** : Software Developer
- **Company** : Mphasis
- **Duration** : May, 2018 - June, 2021.

COLT is an automation tool used to automate the process of **on-boarding** new **Clients** into the bank, addressing their questions and concerns, and ensure they understand the services available to them. It captures all details and provide it to work-flow system to track the on-boarding process end to end. It provides ability to initiate KYC to newly added party and entity.

Roles & Responsibilities:

- Problem Solving
- Requirements gathering.
- End to End involvement in application development(UI and Back end).
- Code coverage and Unit test cases for UI and back end.
- Deployment of application in Dev and UAT environments (GAIA).
- Problem Solving Requirements gathering
- Leveraged technical expertise to support, maintain, document and enhance software functionality.
- End to End involvement in application development(UI and Back end)
- Code coverage and Unit test cases for UI and back end.
- Addressing Raven issues.
- Participated in code reviews to maintain high coding standards and best practices within team.
- Learned technologies and adopted tools to maximize performance and contributions.
- Conducted unit testing to verify that each component of application functioned as expected.
- Took requirements from design through to implementation both independently and with wider team.
- Accomplished project milestones and deliverable's on time using Agile methodologies.
- Developed software applications to meet client needs and improve overall user experience.

ACHIEVEMENTS

- Our team has won a spotlight award for successfully migrating a project in 2 weeks (Optum).
- Won 1st place in **Coding Hackathon** (focused on Design & Algorithms) conducted in Mphasis across the globe and was **awarded one Lakh Rupees as a token of Appreciation**.
- Awarded **Monthly Summit Award** two times for excellent Contribution and Dedication (Mphasis).
- Also won several other Appreciations from client for managing and developing the application (JP Morgan).
- Received "**Sprint champion of the month**" award 2 times in just 6 months (Infosys).