THANUSHREE NL
Software Development Tech Lead

Contact

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Core Competencies & Technical Skills

Self-driven and motivated

Strong problem solving and analytical abilities

Excellent communication and collaboration abilities

Software Development

Core Java, Spring Boot, Microservices, REST APIs, Spring MVC, Thymeleaf, Apache Kafka, Hibernate, HTML, CSS, JS

Databases

Redis, MySQL, MongoDB

Unit Testing

JUnit, Mockito

Build & Project Tools

Maven, Gradle, Git, Jira, Kibana, Grafana

API Documentation

Swagger, Postman, Confluence

DevOps

CI/CD (Jenkins), Docker, Kubernetes, AWS Cloud

Additional Skills

Prompt Engineering, Copilot, ChatGPT

Educational Qualification

Master of Computer Applications (MCA), Bangalore University, June 2016

Summary:

Results-driven professional with 7 years of experience spanning Software Development, Product Lifecycle Management, and Architecture. Demonstrated expertise in designing and deploying scalable microservices, optimizing application performance, and leading cross-functional teams. Adept at delivering mission-critical products, fostering collaboration, driving innovation, and ensuring exceptional customer satisfaction (99%).

Professional Summary:

L&T Technology Services (Client - Signify): Feb 2024 – Till date.

Role: Tech Lead

- Leading cross-functional development teams, providing technical guidance, mentorship, and strategic direction.
- Collaborating with Product Managers, Architects, Designers and Stakeholders to define scope and delivery timelines
- Maintaining 100% timely project deliveries, achieving 25% improvement in team velocity by adopting Agile methodologies
- Ensuring adherence to coding standards and architectural best practices for scalability and manageability
- Driving innovation culture and professional development initiatives across the team

Role: Software Developer

- Contributed to the design and development of Java based microservices, delivering multiple business critical features with high reliability and scalability.
- Enhanced application performance and responsiveness by implementing Redis Caching mechanisms, significantly reducing database load.
- Built and maintained CI/CD pipelines to enable automated build, test, and deployment processes.

Projects:
CTX – Interact City Application
Technologies:
Java, Springboot, Junit, Mockito, Microservices, Kafka, Redis, CI/CD, Dockers, AWS

Interact City uses RF Mesh technology to manage lighting assets, control connected lighting systems and optimize public lighting energy consumption through efficient communication between the application and infrastructure.

Achievements:

- Reduced memory usage by 30% via GC Analysis
- Performance optimization: Improved API performance by 40% using Redis Caching

Swayaan Digital Solutions Pvt Ltd: Dec 2018 – Jan 2024

Role: Team Lead

- Direct a team of 10+ software developers across parallel product and multiple customer engagements.
- Translate business requirements into technical specifications, solution designs, development, and implementation roadmaps.
- Implement Agile practices to ensure timely project deliveries and code quality metrics.
- Establish code review protocols and quality gates, ensuring consistent coding standards.
- Upskilling team members on advanced concepts through technical sessions and workshops

Role: Senior Software Developer
- Developed RESTful API web services using Spring Rest and Spring boot supporting web and mobile applications.
- Built full feature web applications using Spring MVC and Thymeleaf with responsive UI design.

Projects:
NAVITEM (Client – Delos)
Technologies:
Java, Springboot, Junit, Mockito, Microservices, Dockers, AWS, MySQL

NavIETM solves the Aerospace/Navy industry technical documentation challenges with the latest of cloud technologies. It allows any technical manual publishing is made easy through. Pay as you go modal, no need of installing software which makes the whole process hassle free. Reduces the cost to a great extent on the technical publishing.
NavITEM is also offered on-premises to address the privacy, network restrictions of an organization.

NYSF EVALUATION MANAGEMENT SYSTEM (Client – NYSF)
Technologies:
Java, Springboot, Junit, Mockito, Spring MVC, MySQL

NYSF vision is to build and market the brand of Yogasana through sustainable and scalable development and a competition structure that benefits the athletes, officials, and the sport. Building a comprehensive software solution to digitalise the manual activity. NYSF represents in Khelo India for conducting a Yogasana event to manage event participants and their evaluation for identifying winners in specific categories. The NYSF EMS allows conducting the Yogasana championship across the country.

SPSI Security Officer Management System (Client – Shadow Protective Service Inc.)
Technologies:
Java, Springboot, Junit, Mockito, Microservices, AWS, MongoDB, MySQL

SPSI involves the toughest problems in security industry allows Security Agencies and Security personals to efficiently manage their resources. It provides a Mobile App for the Security Manager to track, manage shift of Officers and other resources.

Pragathi Group of Institutions: Jul 2018 – Oct 2020
Role: Computer Science Lecturer

Bridge academic concepts with industry practices through applied examples and coding demonstrations.
Guided students in building real-world applications using modern programming tools.
Delivered Pre-University level instructions in core computer science subjects with emphasis on software development.