

Latha P G

Software Developer, Trio Edge Software Solutions

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PROFESSIONAL SUMMARY

Results-oriented Full Stack Java Developer with over 4 years of proven expertise in designing, developing, and deploying enterprise-grade applications leveraging Java, Spring Boot, React, and micro services architecture. Adept at architecting highly scalable systems, seamless API integrations and automating deployment workflows through advanced DevOps practices. A collaborative professional with deep expertise in agile methodologies and rigorous secure software development standards.

WORK EXPERIENCES

Trio Edge Software Solutions

Bengaluru, Karnataka Oct 2021 – Present

Software Developer

- Developed scalable micro services using Spring Boot, Spring Data JPA, Hibernate, improving throughput by 30%.
- Implemented Spring Security, OAuth2, and JWT to secure APIs and enable role-based access control.
- Automated deployments using Jenkins CI/CD, Docker, Kubernetes, reducing deployment time by 45%.
- Designed REST APIs integrating with external partner systems, improving interoperability across services.
- Improved Oracle query performance by reducing execution time by 40% through indexing and optimized schema design.

Tata Consultancy Services (TCS)

Bengaluru, Karnataka Aug 2018 - 2019

Assistant System Engineer

Contributed to the **Trent 7000 engine software system** in the **aerospace domain**, improving the reliability and performance of engine control modules through ADA-based development in partnership with **Rolls-Royce**

TECHNICAL SKILLS

- Programming Languages: Java | JavaScript | Typescript | HTML5 | CSS3
- Backend Technologies: Spring Boot | Spring Security | Spring JPA | Micro services Architecture | RESTful APIs | OAuth
- Frontend Technologies: React JS | Next JS
- DevOps & CI/CD: Jenkins | Docker | Kubernetes | CI/CD Pipeline Design | Maven | Container Orchestration | Continuous Integration | Continuous Deployment
- Databases: Oracle | SQL | Spring Data JPA
- Architecture & Design: Micro services Architecture | System Architecture Design | Solution Architecture | Client-Server Architecture | Enterprise Architecture | Distributed Systems | Scalable Systems Design
- Testing Frameworks: JUnit | Unit Testing
- Development Methodologies: Agile | Scrum | Software Development Lifecycle (SDLC) | Agile Methodology
- Security: Spring Security | OAuth 2.0 | Authentication & Authorization | Secure Application Development | Security Best Practices
- Version Control & Collaboration: Git | GitHub | GitLab
- Code Review: SonarQube
- API Development: RESTful API Design | API Security | Spring Boot REST APIs

PROJECT

Credit Score Analysis Tool

- Developed a micro services-based Credit Score Analysis Tool to automate credit score evaluation by integrating data from multiple sources such as credit bureaus and banking transactions.
- Implemented real-time credit scoring and predictive analytics to assess customer behavior and creditworthiness.
- Designed and deployed scalable service components for efficient performance and reliability.
- Enhanced reporting capabilities to deliver comprehensive insights for bank staff and decision-makers.

EDUCATION

Bapuji Institute of Engineering & Technology

Davangere, Karnataka 2014 - 2018

Bachelor in Electronics & Instrumentation Engineering

TOOLS & IDE

STS (Spring Tool Suite) | VS Code | Eclipse IDE | Postman | DBeaver | IntelliJ IDEA (basic)