VISHAL PRASAD

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Professional Summary

Tech Lead / Associate Principal Engineer with 12+ years of experience in building & scaling cloud-native platforms in enterprise and fintech environments. Proven in leading teams, modernizing legacy systems, and delivering AI-enabled, highly scalable solutions using Java, microservices, and cloud platforms. Strong collaborator aligning engineering execution with business needs.

Skills

Leadership & Engineering Strategy: Engineering Roadmap Ownership & Execution, Strategic Planning, Team Building & Mentorship, Cross-Team Collaboration, Stakeholder Management & Communication, Knowledge Sharing Sessions, Code Quality Standards, Engineering Best Practices, GenAI Strategy

Architecture & System Design: Scalable System Design, Distributed Systems, Microservices Architecture, Serverless, Event-Driven Architecture, Monolith & Legacy Modernization, Cloud-Native Design, Performance Optimization, Security & Compliance, System Reliability, Design & Code Reviews, Agile Practices

Development: Java (8, 11, 17), Spring Boot, JPA, RESTful APIs, Maven, JUnit, JDBC Template, Kafka, JavaScript, HTML, CSS

Cloud & DevOps: AWS, Azure, Docker, Kubernetes, AKS, CI/CD Pipelines, GitHub Actions, Azure Functions, Logic Apps

Databases & Caching: PostgreSQL, MySQL, MongoDB, Redis, Cosmos DB, SQL & NoSQL Databases

AI & Automation: GenAI, Azure Document Intelligence, AI-Based Recommendation Systems, Prompt Engineering, GitHub Copilot

Tools & Platforms: IntelliJ IDEA, VS Code, Git, JIRA, Confluence, Postman, Datadog, Splunk, Jenkins

Experience

WESCO | Associate Principal Engineer |Acting Engineering Manager | Bengaluru - 04/2022 to Current
- Spearheaded the transition of the RecommEngine project from vendor-led to in-house, **cutting operational costs by 40%**
- Built & led a high-performing team of 5 engineers, implementing bi-weekly releases & improving **delivery velocity by 15%**
- **Onboarded 7 engineers in 45 days** for WLM project through structured mentorship, **accelerating project delivery by 25%**
- Architected scalable microservices, boosting platform reliability and achieving a **20% increase in user adoption**
- **Mentored two UI engineers to become productive full-stack contributors**, reducing backend bottlenecks by 30%.
- **Tech Stack:** System Design, Microservices, Java, Python, Spring Boot, JDBC Template, PostgreSQL, MongoDB, JS, AKS, Azure, Serverless, Event-Driven Architecture, Redis, Code Reviews/Refactoring, Technical Roadmap Ownership

JP Morgan Chase | Software Associate | Bengaluru - 08/2018 to 03/2022
- Delivered full lifecycle development for trading app features, **cutting report generation time by 50%**
- Identified and resolved high-risk security vulnerabilities across modules, **ensuring 100% audit compliance**
- **Migrated legacy systems to modern tech stacks**, **reducing maintenance overhead by 50%** with refactoring & new CI/CD
- Resolved complex production issues and mentored developers, **improving delivery velocity by 30%**
- **Tech Stack:** Microservices, Java, Spring Boot, JDBC Template, PostgreSQL, JS, React, Jenkins, AWS/Private Cloud, Redis

Ness Digital Engineering / Flexera | Senior Software Engineer | Bengaluru - 08/2014 to 07/2018
- Developed and maintained FlexNet Code Insight (SCA tool) and Install Anywhere (packaging automation software)

Spaneos | Associate Consultant | Bengaluru - 02/2013 to 07/2014
- Delivered technical training and developed proof-of-concept applications for enterprise initiatives

Education

Bachelor of Engineering in Computer Science, New Horizon College of Engineering (VTU), Bengaluru

Certifications

- Gen AI Foundation – Up Grad & Microsoft (2025)
- Azure Fundamentals (AI-900) & (AZ-900)
- Certified Design Thinking (CDTI) – 2023
- Professional Scrum Master (PSM I)