VIKAS PAL

Software Developer | Full-Stack Development | AI/ML Applications | Agile Expertise

📞 +91 7878990204   @ palv499@gmail.com   🔗 Linkedin | Github | LeetCode   📍 India

SUMMARY

Experienced Software Developer with **2+ years of expertise** in building and optimizing scalable enterprise-level web applications and distributed systems. Proficient in **Java (Spring, Hibernate), React.js, and REST APIs** with solid exposure to **CI/CD pipelines, microservices architecture, caching strategies, and system design**. Strong problem-solving skills with a proven record of delivering robust, high-availability solutions, achieving **30% API response time improvements** and **99.9% uptime**.

EXPERIENCE

Software Developer

Zeus Learning   📅 01/2023 - Present   📍 India

- Architected **microservices-based applications** handling 50,000+ concurrent requests with **Java (Spring Boot), Python/Django**, and React.js.
- Integrated **RESTful APIs and SOAP services**, maintaining distributed system efficiency and stability.
- Enhanced API performance with caching, reducing response time by **30%**.
- Spearheaded **CI/CD pipeline (AWS DevOps)** deployment, reducing manual errors by **95%**.
- Coordinated **cross-functional Agile teams (Scrum)**, ensuring 100% deadline adherence and minimizing project delays by 25%.
- Engineered scalable applications with 99.9% uptime supporting peak traffic and complex business logic.
- Mentored a team of 4 developers, facilitating design discussions, documentation, and code reviews.

Project name	Description
TestMaverick	TestMaverick – AI-powered test-taking platform
MavGuide	RAG-based AI Chatbot for context-driven queries.

PROJECTS

Mav-Guide

RAG-based AI Chatbot for context-driven queries.

- Developed and deployed RAG-based chatbot handling 5,000+ monthly queries with **95% accuracy**.
- Implemented fallback strategies, raising user satisfaction from **80% to 95%**.

Test Maverick

Test Maverick – AI-powered test-taking platform.

- Designed full-stack platform with **Java (Spring), Python/Django, React.js**, and AWS deployment, **increasing responsiveness by 50% during heavy load**.
- Improved system responsiveness by **50%** during heavy load, sustaining high availability.

KEY ACHIEVEMENTS

💎 Enhanced user engagement by 20% through React.js component optimization.

💎 Reduced LLM costs by 40%, saving $50K annually via semantic caching.

💎 Improved API response time by 30%.

💎 Strengthened documentation and system design alignment for cross-team collaboration.

SKILLS

Web Technologies
REST, SOAP APIs, Microservices, CI/CD, Docker

Languages & Frameworks
Java, J2EE, Spring Boot, Hibernate, Python, Django, React.js, JavaScript, TypeScript

DevOps & Tools
Git, Atlassian Suite (JIRA, Bitbucket, Confluence), MySQL Workbench, Vercel

Testing & Quality
JUnit, Selenium, TDD, System Design, API Optimization

Agile
Scrum team experience, writing user stories, sprint planning

EDUCATION

Bachelor of Computer Engineering
LDRP-ITR
📅 01/2019 - 05/2023
📍 India
- Final-year project: React.js- based Campaign Management Platform.
  Relevant Coursework: Software Development, Data Structures, Machine Learning

STRENGTHS

💎 Deadline-focused solution delivery
Consistently achieves project milestones within set timelines.