SOURAV SINGH

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PROFESSIONAL SUMMARY

Results-driven Backend Developer with 3+ years specializing in Spring Boot and Frappe Framework. Proven track record of architecting scalable microservices, implementing RESTful APIs, and building custom ERP integrations. Decreased API response times by 20% through optimization strategies and delivered workflow automation systems serving 7,000+ users. Expert in Java, Python, and modern DevOps practices with a strong focus on clean code and system scalability.

CORE COMPETENCIES

Backend Technologies:
Spring Boot, Frappe Framework, ERPNext, Spring MVC, Spring Data JPA

Programming Languages:
Java, Python, JavaScript

API & Integration:
REST API, Microservices, WhatsApp API, Swagger/OpenAPI, Custom Integrations

Database Systems:
MySQL, MariaDB, PostgreSQL, Redis

DevOps & Tools:
Docker, Git, Maven, CI/CD, AWS, Linux

Best Practices:
SOLID Principles, Design Patterns, Agile, TDD, Code Reviews

PROFESSIONAL EXPERIENCE

Backend Developer

Alwar Investment Company Ltd. | *May 2024 - Present*

- Architected Task & Workflow Automation System using Spring Boot microservices, serving 7,000+ users with 99.9% uptime
- Lowered API response time by 20% through Redis caching implementation and database query optimization
- Built 3 custom ERPNext integrations connecting Swagger/OpenAPI, Postman, and WhatsApp using Frappe Framework
- Executed CI/CD pipelines using Docker and automated testing, lessening deployment time by 60%
- Developed 25+ RESTful APIs with comprehensive documentation and error handling following industry standards
- Applied SOLID principles and design patterns (Singleton, Factory, Repository) ensuring 80% code maintainability score

Assistant Systems Engineer

Tata Consultancy Services | *April 2021 - November 2022*

- Developed and maintained backend services for enterprise applications using Spring Boot and Spring Data JPA
- Deployed RESTful APIs and integrated third-party services enabling seamless data exchange between systems
- Achieved 60% test coverage using JUnit and Mockito, ensuring code quality and reliability
- Optimized database queries and enforced indexing strategies, improving application performance by 35%
- Collaborated in Agile teams, completing 30+ sprints with 95% on-time delivery rate

EDUCATION & CERTIFICATIONS

Bachelor of Technology in Computer Science
Vishveshwarya Group of Institutions | 2016 - 2020

Senior Secondary (XII) - CISCE Board
Devprayag School, Prayagraj

Secondary (X) - CISCE Board
Central Modern School

KEY ACHIEVEMENTS

- Decreased system deployment time from 2 hours to 30 minutes through automated CI/CD pipeline implementation
- Mentored 3 junior developers on Spring Boot and Frappe best practices, improving team velocity by 25%
- Architected scalable microservices handling 1M+ API requests daily with sub-300ms average response time