

ONKAR K. PAWAR

JAVA DEVELOPER

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PROFESSIONAL SUMMARY

Results-oriented Software Engineer with 4+ years of experience designing and building secure, scalable microservices using Java and Spring Boot. Proven track record of improving application performance by 70% through microservices architecture and enhancing enterprise security with AES encryption, LDAP, and JWT-based authentication. Skilled in Spring Cloud, React.js, and cloud-native deployment. Seeking to leverage deep expertise in secure system design to drive high-impact solutions.

PROFESSIONAL EXPERIENCE

Senior Executive, IDBI INTECH

Oct 2024 - Present

- Delivered secure, scalable Spring Boot microservices-based solutions for client projects, improving application performance by 70% and enhancing system security through encryption and token-based authentication.
- Spearheaded the migration of legacy systems to Spring Boot, resulting in a 30% improvement in code efficiency and reduced maintenance overhead.
- Designed and implemented end-to-end encryption using AES with PKCS7 padding, securing sensitive data exchange across Gateway Servers, Eureka Servers, and multiple microservices.
- Developed and integrated LDAP authentication and multi-level JWT-based authentication, increasing system compliance with enterprise security standards by 40%.
- Technical Skills: Spring Boot, Spring Cloud Gateway, React.js, AES Encryption, JWT, Eureka, SQL/Oracle Databases.
- Architected and deployed 7+ microservices using Docker and CI/CD pipelines, collaborating with a cross-functional team of 15+ members including QA and project managers to deliver secure, scalable solutions on schedule.

Software Engineer, Nexstep Infotech Pvt Ltd (Expenzing)

Jan 2022 - Aug 2024

- Collaborated with cross-functional teams (frontend, QA, DevOps) to successfully deliver 5+ project upgrades and client-specific enhancements within tight deadlines.
- Created reusable encryption utility modules, leading to a 20% decrease in repetitive coding efforts and improved system consistency.
- Implemented product updates and performance enhancements, reducing system downtime by 15% and optimizing server response times.
- Strengthened security posture by addressing VAPT points, including SSL pinning, encrypted body transmission, and token validation mechanisms.
- Enhanced internal documentation, developed detailed test plans, and participated in code reviews to maintain high-quality coding standards across projects.

IT Technical Engineer, Tritorc

May 2021 - Sept 2021

- Managed and optimized the maintenance, upgrade, and troubleshooting process for 30+ desktop systems, ensuring minimal downtime and reliable system performance.
- Configured and maintained network infrastructure across Windows Server and Linux environments using Active Directory, DNS, DHCP, TCP/IP, and VPN, ensuring reliable connectivity for 30+ systems. Utilized Jira, TeamViewer, and RDP for remote support and efficient issue tracking.

Application Developer (Internship), CMP Infotech

Dec 2018 - Jan 2019

- Developed 10+ user-friendly websites using ASP.NET and C#, delivering functional front-end and back-end solutions for diverse client requirements.
- Fixed 50+ bugs across multiple web applications, enhancing overall functionality and ensuring reliable site performance.
- Collaborated with QA team to enhance website performance and visual themes across 10+ projects, ensuring optimal user satisfaction.

EDUCATION

Bachelor of Computer Science

2020

Bharati Vidhyapeeth College of Engineering

6.89 CGPA

RELEVANT PROJECTS

IDBI PROJECT (From Scratch)

- Secure Micro-services Architecture with LDAP Authentication and Encrypted Communication-scalable system with a React.js frontend featuring LDAP login and AES encryption for secure communication. The backend included a Gateway Server, Eureka Server, and multiple microservices with end-to-end encrypted data exchange. Centralized authentication and call filtering were managed via the Gateway Server, while multi-level JWT-based and database-driven token authentication secured inter-service communication. Leveraged Eureka for service discovery and load balancing, ensuring reliability and performance. Key technologies included React.js, Crypto (AES), Spring Boot, Spring Cloud Gateway, Eureka, JWT, and SQL databases.

SKILL

Java	Spring Boot	Spring Cloud Gateway
React.js	AES Encryption	JWT
Eureka	Hibernate	Docker
Jenkins	GitHub	SVN
JBoss	WildFly	Tomcat
MySQL	Oracle	SQL

Languages:

Java	SQL
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Frameworks & Libraries:

Spring Boot	Spring Cloud Gateway	Hibernate
React.js	Eureka	

Security:

AES Encryption	JWT
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DevOps & Tools:

Docker	Jenkins	GitHub
SVN	JBoss	WildFly
Tomcat		

Databases:

MySQL	Oracle
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CERTIFICATION

Master Microservices with SpringBoot, Docker, Kubernetes - Udemy	06/2024
Complete React Developer in 2023 (w/ Redux, Hook, GraphQL) - Udemy	11/2023
Java Design Patterns & SOLID Design Principles - Udemy	10/2023
Multiplatform Mobile App Development With React Native - Coursera	08/2023