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# KRATAGYA SINGH JADOUN

## Software Engineer II

kratagya-portfolio  
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Backend-focused Software Engineer with strong experience in Java and Spring ecosystem, specializing in enterprise endpoint management, cloud migration, and scalable service design. Experienced in developing cloud-native and on-prem solutions, RESTful microservices, authentication systems, and patch management frameworks. Known for delivering self-driven POCs, building reusable backend libraries, and improving system reliability, performance, and upgrade automation in large-scale production systems.

### SKILLS

<b>Tools and Languages</b>	Java, Python, Spring Boot, Spring MVC, Spring Data JPA, REST APIs, Microservices, Redis, MySQL, PostgreSQL, Docker, Kubernetes, Git, Jenkins, Postman, Maven
<b>Quantitative Research</b>	Mathematical optimization, Mathematical Modeling, MySQL
<b>Communication</b>	English (fluent speaker), Hindi (reading and writing)

### TECHNICAL EXPERIENCE

<b>Software Engineer II</b> <i>Opentext</i>	<b>Jan 2025 — Present</b> <i>Bengaluru, Karnataka</i>
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- Contributed to the cloud migration of the ZENworks platform, transitioning core product capabilities from on-premise architecture to cloud-native services.
- Owned and managed the complete content lifecycle and workflow, ensuring reliable ingestion, processing, and delivery across cloud and endpoint systems.
- Designed and implemented cloud and on-premise patch management features, extending existing solutions while introducing new cloud-based capabilities.
- Developed scalable REST APIs and reusable backend libraries for entitlement management, token-based authentication, and cloud content services, improving maintainability and integration.
- Delivered self-initiated, end-to-end POCs influencing the product roadmap, including 60–70% optimization in content uploads, resumable uploads, and system scalability improvements.
- Acted as a senior engineer by leading scrum ceremonies, coordinating sprint execution, mentoring new hires and interns, and contributing through technical writing and knowledge-sharing initiatives.

<b>Software Engineer I</b> <i>Microfocus</i>	<b>Jul 2022 — Dec 2024</b> <i>Bengaluru, Karnataka</i>
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- Contributed to the development of major, high-impact features for Zenworks, a large-scale on-prem enterprise endpoint management product, improving upgrade automation, platform integration, and overall system reliability.
- Designed and implemented a build-to-build database migration mechanism similar to Flyway, enabling selective execution of pending SQL scripts and significantly improving the reliability and speed of system upgrades.
- Developed multiple custom Maven plugins to automate staging workflows, runtime code execution, and dynamic generation of complex SQL (including materialized views), reducing manual effort and ensuring consistent build-time code generation across modules.
- Integrated Azure-based authentication by implementing Azure user source onboarding and identity integration, strengthening security, streamlining user provisioning, and enhancing compatibility with enterprise identity systems.
- Enhanced the product's patch management framework by adding core logic to support ingestion of latest vendor-provided binary patches, improving system maintainability and reducing upgrade turnaround time for customer deployments.
- Improved system reliability and release quality by driving design discussions, performing rigorous code reviews, and enforcing best practices across backend services.

<b>Software Engineer - Intern</b> <i>Josh Software</i>	<b>Jan 2022 — Jun 2022</b> <i>Pune, Maharashtra</i>
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- Developed key modules for an Event Management Web Application, building responsive UI components in React.js
- Delivered end-to-end features by integrating frontend components with REST APIs, writing reusable code, and collaborating with the team to enhance application performance and overall user experience.

### EDUCATION

<b>Master of Computer Applications</b> , <i>International Institute Of Professional Studies, DAVV</i>	2019 — 2022
<b>Bachelor of Computer Applications</b> , <i>International Institute Of Professional Studies, DAVV</i>	2016 — 2019