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Sandeep Kumar

LinkedIn
Portfolio

PROFESSIONAL SUMMARY

- **Backend Software Development Engineer** with hands-on experience in **Java, Spring Boot, Microservices, and Mainframe Modernization**. I have worked on designing and developing scalable backend systems, ensuring performance, reliability, and seamless integration. My experience includes **end-to-end development**, from planning and architecture to testing and deployment.**Certified Microsoft Azure** Administrator Associate and Microsoft Azure Fundamentals, with a growing interest in Machine Learning and cloud technologies.

EXPERIENCE

Java Developer   **Dec 2024 — Present**
Lendingkart (EnterpriseMinds)   Bengaluru, India
- Developed features to enhance the origin of Leads (Pre-Term) and Agreement Phases of Lendingkart's loan process, optimizing and streamlining the entire loan approval workflow for improved efficiency.
- Leveraged **Redis caching** in Spring Boot to enhance data retrieval performance, cutting response times by 35%.
- Containerized Java applications using Docker and orchestrated deployments on **Kubernetes clusters**, improving scalability and reducing deployment time.

Associate Software Developer   **Sept 2023 — June 2024**
Valtech   Bengaluru, India
- Developed **Work premises** web application (**SeQure**) for seat reservations, **handling 1000+ daily requests**.
- Implemented **JWT-based security**, improving **API protection** against unauthorized access by 50%.
- Redesigned database queries using Hibernate caching, reducing response times by 30%.
- Deployed scalable **cloud infrastructure** on Azure using Azure App Service, Azure Kubernetes Service (AKS), and Azure Spring Apps, ensuring 99.9% uptime and seamless application performance.

Freelancer   **Sept 2022 — July 2023**
Startup   Bengaluru, India
- Designed and developed **MentorMate**, an internal application for a **coaching institute**, enabling mentors to assign tasks, provide feedback, upload task documents, and rate task completion, improving mentor-student interaction and task management efficiency.
- Developed multiple internal infrastructural software using Spring Boot for various **shops** and **MSMEs**, enabling efficient local system **operations and business management**. Designed and implemented robust backend solutions to streamline processes and improve usability.

Java Developer (Intern)   **Oct 2020 — March 2021**
ITCRmg   Bengaluru, India
- Automated data processing for weaving machines using the Java Spring Boot and MySQL application, reducing manual effort by 40%.
- Integrated secure role-based access controls with Spring Security, enhancing application safety.
- Enhanced user experience by dynamically rendering personalized dashboards using Thymeleaf, improving load times by 15%.

SKILLS

Languages:	Java, Python, SQL, HTML, CSS, JavaScript.
Libraries/Frameworks:	Spring Boot, Kafka, Hibernate, Thymeleaf, JUnit, mockito, JSP, multi-threaded programming.
Databases/API:	Oracle, Azure MySQL, NoSQL, RDBMS, JDBC.
Tools & Softwares:	Maven, Jenkins (CI/CD), Git, Github, Postman, Jira, Confluence, Kubernetes, Docker.
Cloud Platform:	Microsoft Azure Certified.
Development Methodologies:	Agile, Scrum, SDLC, TDD, Microservices architecture.
Familiar with:	Machine learning, artificial intelligence, DevOps.

CERTIFICATION

Microsoft Azure Administrator Associate   View Here
Microsoft Azure Fundamentals   View Here
Machine Learning   View Here

EDUCATION

Dr. Ambedkar Institute of Technology, Bengaluru, Karnataka
Bachelor of Engineering, Information Science and Engineering   **Aug 2019 — July 2023**