Sandeep Kumar

Full Stack Developer & Cloud Administrator

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EXPERIENCE

Enterprise Minds - LendingKart
Java Developer at LendingKart

Dec 2024 - Present
Bangalore, India

- Contributed as a Java Developer at Lendingkart on an **Insurance web application**, managing high-traffic operations effectively.
- Leveraged **Redis caching** in Spring Boot to enhance **data retrieval performance**, cutting response times by 35%.
- Designed and implemented secure authentication mechanisms using **OAuth 2.0**, fortifying access control and user data security.
- Applied advanced J2EE patterns like **Composite Entity, Front Controller, and Intercepting Filter** to achieve **modularity and code efficiency**, ensuring long-term maintainability.

Valtech India
Associate Software Developer

Sept 2023 - Sept 2024
Bangalore, India

- Developed a live **Java Spring Boot** web application for seat reservations, **handling 1000+ daily requests**.
- Implemented **JWT-based security**, enhancing **API protection** against unauthorized access by 50%.
- Built **RESTful APIs** for communication between **microservices**.
- Redesigned database queries using **Hibernate's 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.
- Utilized various J2EE design patterns, like **DTO, DAO**, and **Business Delegate, Service Locator, Session Facade, Singleton**, and **Factory patterns** with the help of **Hibernate ORM**.

ITCRmg
Java Developer Intern

Oct 2020 - Mar 2021
Tiruppur, Tamil Nadu, India

- Automated data processing for weaving machines using **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%.

TECHNICAL SKILLS

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

PROJECTS

SeQure Employee Seat | *Java, Spring Boot, MySQL, Flyway Scripting, Postman, React.js*   🌐View Here
Valtech – Oct 2023 - Sept 2024

- **Business requirement:** Developed an office seating reservation system using Java, Spring Boot, Hibernate, MySQL, Flyway scripting, Azure build tools, and React.js.Enabled seat booking and food accommodation reservations while enforcing seating restrictions. Improved office efficiency and reduced seat booking conflicts.

- Implemented **secure user authentication** and **authorization** using **Spring Security**. Utilized **Logback** for comprehensive **logging** and **system monitoring**.
- Utilized **Agile methodologies** and conducted thorough testing, including **Test-Driven Development (TDD)** and **integration testing** with **Postman**.

MentorMate | *Java, Spring Boot, Spring MVC, Spring Security, MySQL, Hibe rnate, Thymeleaf, JUnit* ⦿View Here

- **Business requirement:** Developed a task management application using **Java, Spring Boot, Spring MVC, Spring Security, MySQL, Hibernate, Thymeleaf, and JUnit**. In this project, mentors assign tasks to their mentees and provide ratings upon task completion. Additionally, a mentor can also be a mentee of another mentor.

- Led a 3-member team to build and deploy a task management application, improving team productivity by 25%.
- The platform boasts over **60+ daily active users** internally, including **interns and mentors**, driving **efficient task management** and **communication**.
- Leveraged **Spring Security** to implement **user authentication** and **role-based access control**, ensuring **secure access** to functionalities based on **user roles** (mentor and mentee).

CERTIFICATION

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

EDUCATION

Dr. Ambedkar Institute of Technology, Bengaluru, Karnataka **Aug. 2019 - Jul. 2023**
Bachelor of Engineering in Information Science and Engineering

- **Coursework:** Data Structure and Algorithm (DSA), DBMS, Cloud Computing, Software Engineering, Operating System, Web Technologies, Operating System, OOP with Java, Software Engineering.

ACHIEVEMENTS

- Solved over **450+ data structures and algorithms problems** across various coding platforms.
- Emerged as the leading performer among freshers, significantly enhancing client project investments by 27%, underscoring key contributions to team success and financial growth.