Kishore Kumar Kelam, *MSc*
"Senior Software Engineer"

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Executive Summary

- 7+ years of Java, JavaScript, and Python full-stack development experience
- Cloud-native and Java expert with Microservices expertise
- Proven ability to deliver scalable and efficient applications
- Strong communicator and collaborator with technical leadership skills
- Committed and Adaptable and open to learning new technologies and processes

Skills

- **Programming:** Java, Python, JavaScript, Angular, React JS, Node JS, Spring Boot, MySQL, C++, MongoDB, PostgreSQL
- **Server:** OAuth, JWT, encryption, JUnit, Jenkins, AWS, Azure, Docker, Kubernetes, CI/CD, Git, GitHub
- **Others:** Scrum, Kanban, Team management, project delivery, stakeholder communication, Cross-functional teams, Time management, troubleshooting, optimization, Quick learner, flexible, adaptable to new technologies

Professional Experience

Wichita State University   Wichita, KS
Software Research Developer   *October 2022 – Present*

- Designed and implemented an API gateway for a microservices-based application, handling 5,000+ REST-based API requests per second with 99.99% uptime.
- Identified and resolved a critical issue in a mission-critical application by asking targeted questions and collaborating with the team.
- Learned and implemented new technologies, such as Kubernetes and serverless architecture, resulting in a 20% increase in team productivity.

Capgemini | Client – HP | Bangalore, KA
Senior Software Engineer (Team Lead)   *November 2019 – August 2022*

- Designed and developed a Java-based software solution collaborating with customers and technicians to identify pain points and developed a tailored solution, resulting in a 90% user adoption rate.
- Successfully managed a critical server failure, ensuring 99.9% uptime and minimizing customer impact.
- Optimized cloud-based Oracle SQL relational database performance for a customer dashboard by 30% through indexing and query optimization, enabling the company to handle a 50% increase in users for a high-traffic customer-facing site.
- Implemented web based Microservices application for HP Service Center by leveraging MVC frameworks with Angular and web services with Spring Boot, resulting in a 50% increase in user engagement.
- Identified and resolved a critical issue that had been open for 3 months by developing and executing unit tests and integration tests, resulting in a 25% reduction in support tickets with JUnit and Selenium.
- Implemented Role based access control authentication with API gateways and enhanced security using JWT and OAuth 2.
- Provided training and support to junior developers, resulting in a 25% increase in team productivity which was used by entire development team.

Zen3 | Client – Microsoft | Hyderabad, TS
Software Engineer   *May 2018 – November 2019*

- Spearheaded migration of Monolithic JAX-RS Java application to cloud-native Microservices SOA architecture using Spring Boot enhancing reliability and data availability
- Worked closely with Product Management to prioritize and deliver software update features within a tight 6-week timeline and ensure alignment with business goals, resulting in a 45% increase in customer satisfaction.
- Successfully resolved a critical Git merge conflict that threatened to delay a major software release, by Automating the build process using Maven to ensure efficient and error-free builds
- Implemented a custom workflow solution with Jenkins and CI/CD pipelines that exceeded customer expectation and efficiency by 20% for a manufacturing chain, utilizing design thinking and problem-solving.
- Led a team of 5 developers from different locations and time zones to achieve shared goals, resulting in a 25% increase in team productivity and a 90% customer satisfaction rate.

Capgemini | Client – Atlas Copco | Bangalore, KA
Software Engineer   *May 2017 – May 2018*

- Automated real time data processing system for a customer facing application utilizing Open table format approach to provide abstraction of critical data using Python and UiPath to reduce manpower hours by 78% and deployed onto Windows and Linux servers.
- Led a team of 5 developers in an Agile environment to drive iterative and incremental software delivery with a focus on continuous improvement, resulting in a 25% increase in team productivity and a 90% customer satisfaction rate.
- Presented technical solutions to non-technical stakeholders, resulting in a 20% increase in customer understanding and adoption.
- Remediated defects with a thorough and meticulous approach, ensuring issues were solved and surrounding code was improved, resulting in a 10% reduction in support tickets.

Certifications

Oracle Certified Java Programmer (OCJP – Giving Now), AWS Solution architect (In Progress)

Education

- **Wichita State University**   Wichita, KS
Master of science in Computer Science.

- **Siddaganga Institute of Technology**   Bangalore, KA
Bachelor of science in Computer Science.