

KINNAR KANSARA



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Software Development Engineer – Java Infrastructure

Proven record of achievement contributing to the architecture and design of new and current systems

Profile Summary

Innovative and highly organized IT professional with over a decade of experience in software development, with technical proficiencies using Java, SQL, JavaScript, Python and PHP. Experienced in building complex software systems that have been successfully delivered to customers from ground up. In-depth knowledge of Computer Science fundamentals, including Object-Oriented Design, data structures, design patterns, and algorithms. Adept at designing and building infrastructure, and distributed, internet-scale systems and web services. Proficient in building highly scalable, highly concurrent platforms that can support millions of requests per second. Proven ability to analyze and improve efficiency, scalability, and stability of various system resources. Outstanding communication and collaboration skills working cross-functionally with other engineers, product managers, and designers. Independent, proactive, and able to deliver production-ready code.

Core Competencies

Software Development Engineering ♦ Process Data Automation and Data Collection ♦ Computer Programming ♦ Efficient Data Management ♦ Operating Systems ♦ Computer Networking ♦ Java & Object-Oriented Analysis ♦ Distributed Client Server Systems ♦ Problem solving and logical thinking ♦ Written and verbal Communication ♦ Team Collaboration ♦ Customer Service ♦ Client Relations

Technical Skills

Programming Languages: Java, JavaScript, SQL, PHP, Python
Java Frameworks: Spring 3, Spring Boot 2, Grails 2.5, Hibernate 5
Databases: MySQL 5.7, Oracle 10g, SQLite 3.9, MongoDB 4.0
Web Development: HTML 5, CSS 3, jQuery, Bootstrap 4, Node.js, Express.js
Tools: Gradle 6, Maven 3, JUnit 5, Jasper Reports 5
Version Control & CI/CD: Git, Apache Subversion, Jenkins, CircleCI
Cloud Infrastructure: AWS, Docker, Kubernetes, Ansible, Terraform, Packer

Education

Master of Science in Information Systems – GPA: 3.9/4.0 **December 2020**
Northeastern University, Boston, MA

Relevant courses: Program Structure and Algorithms, Web Development Tools and Methods, Web Design & User Experience, Engineering of Big-Data Systems, Network Structures and Cloud Computing, Advanced Cloud Computing

Bachelor of Technology in Information Technology **June 2009**
Nirma University, India

Relevant courses: Java, Data Structures and Algorithms, Software Engineering, Computer Networks

Professional Experience

► **SOFTWARE DEVELOPMENT ENGINEER INTERN, PayPal, Inc., USA** **January 2020 – August 2020**

- Played key role as a member of Platform as a Service team to migrate backend monolith platform of Venmo from Python 2 to Python 3 resulting in performance improvement of 9%.
- Developed new microservice with gRPC and Protobuf to support all cryptographic operations across backend platform.
- Monitored and deployed container-based microservices across platform for automation and scaling.
- Drove improvisation of CI/CD pipeline in Jenkins for smooth integration and delivery process, reducing 12% annual cost in infrastructure expenses.

► **SOFTWARE ENGINEER / TECHNOLOGY LEAD, Experior Technologies, India** **June 2009 – December 2018**

- Led application development in Java, Android and PHP, including designing and troubleshooting, and conducting analysis, such validation of needs in conjunction with onsite and offsite teams.
- Monitored service based project progress and ensuring quality and timeliness of deliverables.
- Determined design methodologies and tool sets and completed programming; designed and conducted tests.
- Strategized product development as per requirements, schedules, and activities.
- Established overall leadership to entire project team, such as managing deliverables in an effective manner.
- Created and supervised estimates, plan, resource allocation, and expenses to ensure targets were reached.
- Executed project life cycle methodology: Agile and Waterfall; defined under-process framework; ensured customer deadlines were met within project budgets.