

Yong (Kevin) Gu

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Summary

Results-driven Software Engineer with 10 years of experience in designing, developing, and implementing complex software systems. Expertise in Java, system design, and the full SDLC, with a strong focus on CI/CD, cloud technologies, and distributed systems. Proven track record of delivering high-quality software solutions while ensuring operational stability and enhancing system performance.

Experience

JPMORGAN CHASE BANK

Software Engineer III • 09/21 - present • New York, NY

- Designed and developed highly scalable and robust Java applications using Spring Boot, RESTful APIs, and Apache Kafka.
- Utilized Splunk, Grafana, and Dynatrace for real-time monitoring, troubleshooting, and optimization of system performance.
- Implemented CI/CD pipelines using BitBucket, Jenkins, and Sonar, ensuring rapid and reliable deployment of new features and bug fixes.
- Utilized mocking frameworks, such as Mockito and JUnit, to write and maintain comprehensive unit and integration tests.
- Providing guidance and hands-on practical experience in system design, application development, and testing best practices.
- Collaborated with product owners and QA teams to define and execute test strategies, ensuring high-quality software releases.
- Actively participated in Agile Scrum ceremonies, consistently delivering features on-time and within scope.
- Contributed to the adoption of cloud technologies, resulting in improved scalability, performance, and cost-efficiency of software solutions.
- Holds AWS Certification, demonstrating advanced knowledge of the AWS platform and its services.

VALUELINE, INC

SOA Engineer II • 07/13 - 09/21 • New York, NY

- Designed and developed scalable cloud-based platforms using Java that migrated legacy data to a new system.
- Contributed to the development of front-end applications using React and Angular, ensuring a seamless user experience.
- Expertise in designing and developing automated scripts and managing large-scale deployments using Ansible, Chef, or Puppet.
- Skilled in utilizing IaaS solutions such as AWS to modernize legacy systems and improve scalability and efficiency.
- Participated in code reviews and provided constructive feedback, promoting the development of high-quality code.

MOLEQ USA, INC.

Java Developer • 06/12 - 07/13 • New York, NY

- Implemented distributed systems using Java, managing distributed transactions and ensuring data consistency across multiple nodes.
- Built and maintained multiple applications using React and Spring, creating robust, scalable and high-performance web applications.
- Developed RESTful APIs using Spring, allowing seamless communication between the front-end and back-end components.
- Collaborated with cross-functional teams to integrate the UI with the backend, creating efficient user experiences.

Skills

- Java, C#, Python, Go, Typescript, Javascript, React, Angular, AJAX/JSON/JQuery, WCF, LINQ, Web Service, XML
- Spring Boot, SpringMVC, Spring JDBC, Cucumber, Jenkins, Sonar, Grafana, Dynatrace, Docker, Mockito, Kubernetes, Struts, Hibernate, .NET framework, MyBatis, Apache Log4J, Splunk, DataDog, Kafka, NLTK (tokenize, stem, tf-idf), Django, Pandas, Urllib2
- OOD/OOP, Design Patterns, Algorithms, Data Structure
- IIS 8/7/6, Tomcat, Jetty
- Cassandra, MS SQL/T-SQL, ORACLE/PL-SQL, MySQL, MongoDB, ODBC, JDBC, SSIS/SSRS/DTS
- AWS, Azure, Microsoft Windows Server, UNIX, Ubuntu
- IntelliJ IDEA, Visual Studio Code, Eclipse, Sublime Text, SVN, TFS, Git

Education

NEW YORK UNIVERSITY

New York, NY

MS in Computer Science

Certification

AWS Certified Solutions
Architect - Professional