KAMATCHI PRIYA CHANDRASEKARAN

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Professional Summary

Senior Applications Systems Analyst and Certified Java Developer with over 9 years of experience in building secure, scalable, and high-performance backend systems across regulated industries, including enterprise and cloud-based platforms. Expert in Java, Spring Boot, microservices, RESTful APIs, and cloud deployments (AWS, GCP). Proven ability to collaborate cross-functionally, lead development efforts, and deliver user-focused, compliant solutions. Strong expertise in the financial,telecom and healthcare domain. Adept at Agile, CI/CD, Docker, Kubernetes, and mentoring technical teams.

Technical Skills

Java, JavaScript, SQL, Groovy, Spring Boot, Spring MVC, Spring JDBC, J2EE, Apache Camel, Hibernate, JPA, Kafka, Spark, JUnit, Mockito, GraphQL, HIVE, Apigee Edge/Hybrid, OAuth 2.0, API Proxy Design, RESTful APIs, JSON, XML, GraphQL, SOAP, MySQL, PostgreSQL, Oracle, MongoDB, Couchbase, HBase, AWS (EC2, S3, Lambda), Google Cloud Platform (GCP), OpenShift, Jenkins, CI/CD Pipelines, Docker, Kubernetes, Bash Scripting, Git, Eclipse, JIRA, XL Release, Postman, SoapUI, ServiceNow, Splunk, PuTTY

Professional Experience

Technology Lead – Infosys Limited   Arizona, USA | May 2018 – Mar 2024

- Engineered RESTful APIs with Spring Boot, achieving a 30% reduction in response latency.
- Implemented secure API proxies in Apigee with OAuth2.0, API key management, and traffic throttling.
- Developed Kafka-based pipelines handling 50GB/day for real-time analytics and data streaming.
- Improved backend efficiency by managing Hibernate-based persistence for 100,000+ daily transactions.
- Boosted test coverage to 94% by integrating JUnit and Mockito into CI/CD pipelines.
- Cut infrastructure costs by 20% by deploying services on AWS (EC2, S3, Lambda).
- Collaborated with cross-functional stakeholders to deliver compliant, user-focused enterprise systems.
- Mentored junior developers and conducted 20+ code reviews, lowering defect rate by 25%.

Analyst Programmer – Apptivo software private Ltd   India | Apr 2017 – May 2018

- Designed 15+ RESTful APIs enabling secure communication across VOIP microservices.
- Implemented Spring Cloud with Eureka for service discovery (40% downtime reduction).
- Deployed Docker-based microservices with Kubernetes (50% faster provisioning).
- Built CI/CD pipelines using Jenkins, reducing release cycle from 7 to 1 day.
- Integrated CRM systems and monitored system health with Grafana and Prometheus.
- Provided second-level production support and contributed to root cause analyses for key services.

Junior Software Engineer – digiBlitz Technologies   India | Aug 2015 – Apr 2017

- Developed a Java-based recommendation engine increasing order value by 25%.
- Optimized database queries, reducing API response time from 500ms to 200ms.
- Built BPM/SOA-based solutions to automate business processes, improving efficiency by 30%.
- Generated dynamic reports using BIRT, improving data accessibility for stakeholders.
- Ensured data integrity and usability via frontend validation using HTML, JSP, and JavaScript.

Education

Master of Engineering in Power Electronics and Drives   Anna University, India | Sep 2013 – May 2015

Certification

LinkedIn Docker Foundations, Infosys Open-Source Professional