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Top Skills

GKE
Gitlab
LangChain

Certifications

Associate Cloud Engineer
Langchain
Certified Scrum Professional (CSP)

Arunkumar Selvaraju

Lead Developer @ LivePerson | Specializing in RAG
Implementations | Java, Microservices, Drools, GCP Cloud Engineer
Frankfurt, Hesse, Germany

Summary

Technical Lead at LivePerson, Germany, with 14 years of experience specializing in the design and development of robust microservices and cutting-edge Generative AI applications. I drive the adoption of Java 8, Spring Boot, REST, GraphQL, JUnit, Mockito, and Kafka, establishing best practices for high-performance systems. My expertise extends to optimizing CI/CD pipelines with CircleCI, Docker, and Kubernetes. I've also designed, configured, and leveraged advanced monitoring (Prometheus, Humio, Grafana, Datadog) and security tools (Vault) to ensure system reliability and integrity.

I am actively building Generative AI solutions to enhance product capabilities and operational efficiency. My work also encompasses significant experience in big data technologies, including data transformation with Sqoop and large-scale processing with Apache Spark, and developing complex data search solutions using Elasticsearch. I am proficient in Drools, JBPM, Scala, and SQL, and with extensive hands-on experience in GCP, I am adept at architecting scalable and efficient cloud-based solutions, including those leveraging AI/ML services

Experience

LivePerson

Senior Software Development Engineer III
May 2022 - Present (3 years 4 months)
Frankfurt, Hesse, Germany

- * Architected microservices by modernizing a legacy monolith using Spring Boot, Spring JPA, Spring Batch, Kafka, GraphQL, and REST APIs.
- * Adopted CQRS and schema-driven architecture to design scalable, loosely coupled microservice solutions aligned with modern integration patterns.
- * Led cloud migration by containerizing on-prem services with Docker and Kubernetes, deploying via GitLab CI/CD to Google Kubernetes Engine (GKE).

- * Replaced NGINX-based service mesh with Istio, optimizing resource utilization and reducing the number of services for streamlined operations.
- * Implemented rate limiting and DPoP (Demonstration of Proof-of-Possession) for secure, compliant API authorization and traffic control.

BESTSELLER

3 years 3 months

Senior Developer

January 2020 - May 2022 (2 years 5 months)

Brande, Middle Jutland, Denmark

- * Integrated Elasticsearch into the system, achieving a 98% improvement in search performance and response time.
- * Played a key role in the design and development of the BOM system, supporting core functions like resource management, labeling, manufacturing, and shipment in retail operations.
- * Mentored and onboarded junior developers into the new microservices architecture and tech stack, accelerating team adoption and delivery.

Developer

March 2019 - January 2020 (11 months)

Denmark

- * Architected microservices by modernizing a legacy monolith using Spring Boot, Spring JPA, Spring Batch, Kafka, and RESTful APIs.
- * Enabled seamless CI/CD deployments across environments by configuring pipelines in CircleCI and GitLab.
- * Containerized and deployed the application using Docker and Kubernetes on Microsoft Azure, ensuring scalable and resilient infrastructure.

Cognizant

Team Lead

July 2013 - March 2019 (5 years 9 months)

Chennai

Lead Skills

- * Managed project estimation, technical design and architectural documentation, aligning solution architecture with business goals and deliverable roadmap.
- * Collaborated with clients and cross-functional teams to gather and finalize business requirements, drove project planning, budgeting, and ensured timely delivery through effective coordination across teams.

- * Led a team of 10 engineers, managed implementation of Drools and BPMN tools, and worked on Spark Streaming, Apache Kafka, and Oozie for automation and messaging.

Technical Skills

- * Developed core modules for the HNFS Tricare project using Apache Spark (Scala) on migrated data via Sqoop and Flume for precognitive breakdown analysis.
- * Designed rule sheets, performed requirement analysis, and led team training on Hadoop ecosystem tools including Spark, Hive, and HDFS.
- * Extensively used Elasticsearch and Kibana for real-time data visualization and diagnostics, while ensuring performance through coding best practices and optimization.

Scope International

Senior product Analyst

September 2011 - June 2013 (1 year 10 months)

- * Solely led jBPM integration in the eOPS project, replacing FileNet as part of the externalization initiative and developing custom workflow models.
- * Configured and deployed open-source stack (JBoss, MySQL, JCR, jBPM) for eOPS, ensuring smooth cross-platform compatibility and performance.
- * Designed workflows, Drools rules, and managed them using Guvnor Repository; developed a custom admin console and BIRT-based reporting framework.
- * Collaborated with Red Hat consultants to resolve performance bottlenecks and deployed the complete open-source solution at client sites with ongoing support.

Wipro Technologies

Project Engineer

May 2009 - September 2011 (2 years 5 months)

Pune, Maharashtra, India

- * Developed core login and User Entitlement modules for CITI RVB R1, and resolved defects across DIT, SIT, and UAT phases.
- * Improved application security and performance by addressing VAPT (ethical hacking) issues and supporting production stability.
- * Contributed to CITI RVB R2 frontend CRs and defect fixes, and led code merging between R1 and R2 releases.
- * Handled backend and business logic for three applications, resolving CRs, incidents, and production bugs efficiently.

Education

Anna University

Bachelor of Engineering - BE, Electrical, Electronics and Communications
Engineering · (2004 - 2008)