Vijay ███████

Senior Java Backend Developer with a strong passion
for Spring, Spring Boot, Microservices, Kafka and Cloud

Bangalore, India ███████████████████
Born 09/11/1988
I'm an Indian citizen and I can provide my own visa/work permit
for Germany within 5-8 weeks. My notice period is 60 days.

TECHNICAL SKILLS

Java (10+ years of project experience) | Spring (9) | Spring Boot (8) | Microservices (7) | Rest APIs (10) | Kafka (6) | Kafka Streams (3) | BigData (6) | AWS (6) | SQL (8) | PostgreSQL (5) | No SQL (3) | Event Driven System (7) | System Design (8) | Docker (6) | Kubernetes (4) | Hibernate (6) | Gradle (3) | Maven (6) | Kafka Connectors (2) | Helm (2) | Terraform (3) | SSL/TLS (5) | SAML (5) | OAuth2 (5) | SCIM (5) | TypeScript (6) | Angular (6) | Git (7) | Junit (10) | TDD (7) | Mockito (5) | Agile/Scrum (7)

WORK EXPERIENCE

04/2023 – today

Senior Software Engineer
Cisco, Bangalore, India
Project: Cisco AppDynamics - Application performance management (APM) SaaS used 100k+ endpoint users.
- Designing and developing multiple microservices using Java 17, TDD, Spring Boot, Spring Data, Docker, Kubernetes, and AWS.
- Adding application-level cache backed by Redis Cache to improve API's performance by 20%.
- Upgraded web server from Glassfish to Jetty to optimize application performance by 15%.
- Using Java concurrency package to achieve data consistency in application-level caches.

Technologies used: Java 17 | Spring Boot | Hibernate | Kubernetes | Kafka | Docker | AWS.

04/2020 – 03/2023

Project: Cisco Umbrella - Cloud-delivered security platform for protection against digital threats.
- Led an agile team of 7 engineers to build a high-performance system from scratch, leveraging Java 8, Spring Boot, MySQL, AWS, Kubernetes, Docker, Kafka, Kafka Streams, and Hibernate, resulting in a 40% reduction in development time..
- Architected a robust Identity Provisioning System based on SCIM V2 specification using microservices and Event-Driven Architecture, supporting over 100,000 active users with seamless integration.
- Achieved 90%+ code coverage by writing comprehensive unit and integration tests using JUnit and Mockito, significantly reducing production bugs by 30%.
- Deployed microservices on Elastic Kubernetes Service (EKS) using Helm across multiple AWS regions, achieving 99.99% High Availability and reducing deployment time by 50%.
- Implemented Change Data Capture (CDC) on MySQL using Debezium, Kafka Connect, and Apache Kafka, enabling real-time data synchronization with less than 1-second latency.
- Enhanced fault tolerance and data redundancy by setting up Kafka (MSK) Cluster replication across two AWS regions using Apache Kafka MirrorMaker 2, improving service reliability by 95%.

- Developed dynamic data filtering and processing capabilities with Kafka Streams, improving data processing speed by 35% and reducing the need for downstream filtering.

Technologies used: Java 8 | Spring Boot | Apache Kafka | MySql | AWS | Helm | Kubernetes | Docker | AWS IAM | EKS | ECR | MSK | Kafka Streams | Kafka Mirror Maker 2 | Schema Registry | Kafka Connect.

12/2018 – 03/2020	**Project: Cisco Umbrella SSO** - Authentication feature that allows users to access multiple applications with one set of login credentials.

- Designed Umbrella UI to allow customers to import their configuration in our environment. Implemented SAML 3.0 for auth validations and request redirection.
- Added browser cookies encryptions to make the request/response secure over the wire. Created TLS for communication with IDPS.

Technologies used: Java | SAML 3.0 | Spring Boot | Junit | ADFS.

04/2016 – 11/2018	**Project: Cisco Cloud Web Security Log Extraction** - User activity and logs reporting platform processing 8B+ logs per day. Developed Kafka Consumer to read, filter, process and produce data to other Kafka topics. Created monitors for Kafka cluster and consumer lags for consumers. Automated the process of data extraction reducing the manual effort by 100%.

Technologies used: Java | Kafka | Kafka Streams | Docker.

11/2014 – 03/2016	**R&D Engineer** Nokia, Bangalore, India **Project: SoftVim** - Geo localization platform for Nokia Network system (NetAct) to find the nearest tower/Antenna (BTS) across Europe. Part of an agile team of 10+. Developed the caching of relations between the different tower information to reduce the overall latencies by 30%. Written Junit and integration test using Mockito Framework to achieve 85+% code coverage. **Technologies used:** Java 7	Junit	Ant	Mockito.

05/2011 – 10/2014	**Senior Software Engineer** Collabera, Bangalore, India **Technologies used:** Java 7	Junit	Ant	Mockito	Ext JS	JavaScript	Struts.

EDUCATION

11/2020 – 06/2022	Master in Machine Learning and Artificial Intelligence (M.Sc.) Liverpool John Moores University, Liverpool, England (Remote)
07/2006 – 06/2010	Bachelor of Technology in Computer Science and Engineering (B.Tech.) Uttar Pradesh Technical University, Lucknow, India

LANGUAGE SKILLS

English (C2) | Hindi (Mother tongue) | German (A1, currently learning)

HOBBIES

Cycling | Badminton | Table Tennis