Prashant Sharma

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☁ https://github.com/PS00161093

SUMMARY

Skilled Senior Software Engineer with 8.5 years of experience. Proficient in the full SDLC with expertise in Java, Spring, Microservices, and Cloud technologies. Skilled in designing, developing and delivering high-performance software with a commitment to efficiency, cost-effectiveness and measurable results. Adept at all stages of the product lifecycle, from requirements gathering to integration and support, and consistently delivers exceptional value for clients and stakeholders.

SKILLS

Java/J2EE (7.5 years), Scala (1 year) & Golang (0.4 year)

Spring & Spring Boot

Microservice & RESTful Web Services

CI/CD: GitHub, Docker, Kubernetes, Jenkins & Cloud Foundry

TDD: JUnit, Mockito & Cucumber framework.

ORM: JPA & Hibernate

Security: Sonar & Veracode

Performance & Load Testing: Gatling & Locust scripts

EXPERIENCE

Senior Software Engineer
Zalando SE   **April 2022 – Present, Berlin, Germany**
· Senior Java & Scala Developer.

Senior Consultant
Thoughtworks   **July 2021 – March 2022, Pune, India**
· Scala & Golang developer.

Senior Software Engineer
John Deere   **March 2018 – June 2021, Pune, India**
· Senior Java Developer.

Software Engineer
Tech Mahindra   **October 2014 – December 2017, Pune, India**
· Java Developer.

PROJECTS

Lounge – Customer Facing Applications – Microservice based Java & Spring boot Applications
Zalando SE · April 2022 – Present
· As the senior backend engineer for Zalando Lounge, I am developing and maintaining the crucial services that enable seamless user registration and login across both the website and mobile platforms. I am also leading the implementation of powerful backend tools that facilitate effortless updates to customer data and preferences, enabling the delivery of personalized daily and weekly newsletters.
· Consistently seeking out opportunities to improve the system and address any potential bugs or issues. Through my deep understanding of the underlying technologies, I am able to quickly identify and address root causes, delivering robust and reliable solutions that enhance system performance and functionality.
· Leveraging my expertise in load testing and system optimization, I have successfully ensured that critical systems remain stable and responsive, even under the most demanding conditions such as cyber-week, big brand sales, and holidays.
· I'm successfully automating the process of manual data analysis done by product analysts in a company internal tool.

Lounge: Catalog & Articles – Microservice based Java & Spring boot Applications
Zalando SE · October 2022 – December 2022
· Successful migrated legacy endpoints for similar articles, top sellers, and articles by campaigns.
· Utilized diligent approach and technical acumen to enhance the performance and functionality of critical features.
· Contributed to driving value for both the business and users.

Product Offer Platform – Microservices based Scala Application
Zalando SE · January 2023 – March 2023
· Developed a solution to sell specific articles on both Zalando and Zalando Lounge simultaneously.
· Created load testing scripts to simulate high traffic volumes for load testing purposes.
· Contributed to the successful identification and resolution of performance bottlenecks through load testing analysis.
· Developed and implemented a monitoring solution for new features by creating a Grafana dashboard and ZMON checks. Configured the dashboard to display relevant metrics and set up alerts to notify the team in the event of any issues.
· Delivered a seamless solution, enhancing the user shopping experience and driving business growth.

Technologies in use –
· Backend: Microservice architecture, Java, Spring Boot, Spring Web flux, Scala.
· Database – PostgreSQL, AWS Dynamo DB.
· Event Streaming: Nakadi (Kafka).
· JMS: ActiveMQ.
· Web Service: RESTful & SOAP.
· Orchestration: Kubernetes (k8s).
· Cloud: AWS.
· CI/CD tool: GitHub, Docker & Continuous Delivery Platform.
· App monitoring & Logs: Grafana, Lightstep & Scylar.
· IDE & build tool: IntelliJ, maven, gradel.

Periscope – McKinsey & Company – Microservice based Scala, Spark & Golang Applications
Thoughtworks · June 2021 – March 2022
· Collaborated closely with the consulting major's pricing and management teams to understand their requirements and translate them into software solutions.
· Developed and implemented advanced methodologies and proprietary recommendation algorithms that can analyze complex data sets and provide accurate pricing recommendations.
· Tested the product & fixed any bugs found, ensuring that it meets high standards of quality and is error-free.
· Paired with other developers and stakeholders to continuously improve the product's functionality and performance.

Technologies in use –
· Backend: Microservice architecture, Scala, Spark, Golang.
· Database: PostgreSQL, Elasticsearch.
· Web Services: RESTful & gRPC.
· Messaging: ActiveMQ & Amazon SQS.
· Cloud: AWS & Azure.
· CI/CD: GitLab, Jenkins, GoCD, Docker.
· App monitoring & Logs: New Relic, Splunk, Kibana.
· IDE & build tools: IntelliJ, sbt, goMod.

John Deere Custom Performance – Microservice based Java & Spring boot Applications
John Deere · March 2018 – June 2021
· Worked as a T-Developer in an 8-member product team utilizing Agile methodology and DevSecOps practices.
· Designed and developed Java applications according to product specifications using Spring frameworks, including Spring Boot, Spring Data JPA, Spring Boot Actuator, and Spring Cloud.
· Developed efficient and testable production code using industry-standard principles such as SOLID, design patterns, clean code, and JUnit test cases with 85% coverage.
· Created functional and load/performance testing scripts in Java and Scala for RESTful APIs, using Cucumber and Gatling frameworks respectively.
· Provided Tier-3 support for incidents reported in ServiceNow, addressing user concerns promptly and efficiently.
· Actively participated in team meetings, sharing ideas and suggestions, and delivering regular updates on deadlines, designs, and enhancements.
· Mentored junior developers and engineers, imparting skills in Java, Jenkins, load testing, Kibana & AppDynamics, and ServiceNow, improving team performance and enhancing overall productivity.

Technologies in use –
· Backend: Microservice architecture, Java, Spring Framework, Spring boot, Hibernate & JPA.
· Database: DB2 & Oracle.
· Web Services: RESTful.
· Messaging: ActiveMQ.
· Cloud: Cloud Foundry & AWS.
· CI/CD: GitHub, Jenkins & Docker.
· App monitoring & Logs: AppDynamics & Kibana.
· Security & Vulnerability scan: Sonar & Veracode.
· IDE & build tools: IntelliJ & Maven.

Design Studio & Virtual Ticketing Management – Monolithic, Microservice based Java & Spring boot applications
Tech Mahindra · October 2014 – December 2017
· As a developer, designed and implemented RESTful APIs based on client-provided High-Level Document (HLD) using Core Java, Spring, and Spring Boot technologies. Utilized MVC architecture, Restful Web Services, JSON, Design patterns, and XML to build robust and scalable APIs.

· Conducted testing of implemented functionalities using Swagger 2.0 and wrote JUnit test cases with a code coverage of over 70%.
· Collaborated with clients through daily calls to provide updates on the development status, ensuring transparent communication and timely delivery of the project.

Technologies in use –
· Backend: Monolithic & Microservice architecture, Java, Spring Framework, Spring boot.
· Web Services: Restful.
· CI/CD: SVN, GitHub, Jenkins, Dragonfly & Docker.
· IDE & build tools: STS & Eclipse.

EDUCATION

Bachelor of Technology
West Bengal Technical University · West Bengal, India · 2014 · 8.18

CERTIFICATIONS

Certified Scrum Master
Scrum Alliance · 2018
The CSM certification demonstrates that I have a solid understanding of the Scrum framework and can effectively in Scrum teams. It equips with a common language and framework used in agile projects, which can help me communicate more effectively with my team members, stakeholders, and clients.