Senior Software Full Stack Developer

Deepak SHARMA 10 years of experience

Summary

- I am Senior Software developer working with Springer Nature on product development agile team.
- I have strong knowledge in **Full stack** software development and good competence in **object-oriented** and **functional** programming.
- Hands on experience in API Development/REST APIs /Microservices using Scala and Java Technologies.
- Rich Experience Agile methodology.
- Follows ATDD, TDD, Pair programming.
- Experience in Development of web pages with Core Java, JSP, Servlets, AJAX, jQuery, JSON, Spring Boot, Spring MVC, Hibernate and JPA.
- Experienced in Front end technologies like HTML 5, CSS 3, SCSS, jQuery
 & Angular 4
- Knowledge of tools like Docker, Jenkins, Cloud foundry, Google Cloud, Amazon web services (AWS), Bower, Grunt, Maven, Gradle, Google analytics and Git.
- Proficient in on Agile rituals in team like, daily stand-up meetings, reviews, retrospectives, sprint, release planning, demos, Collocations, and other Scrum-related meetings.
- Managed GIT repositories, including branching and toggle.
- Unit testing of module and review the code developed by other team members.
- Setup Google Analytics, Google tag manager for the product.

Skills

- Programming Languages: Java, Scala, Beginner in Go
- Scripting and objected oriented knowledge: Java Script, HTML, CSS
- J2SE (Core Java, Collections), J2EE (JSP, Servlets), Spring 4.0(IOC, MVC),
 Spring Boot, Hibernate and API Development, Microservices (REST).
- Frameworks: Spring Boot, Hibernate, JPA, Play framework.
- Cloud Technologies: AWS Cloud S3, Lambda, Google Cloud Cloud Storage
- Testing / Quality: JUnit, Specs2, Cucumber, Contract Driven Test.

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- Requirement Management Tools: Trello
- Configuration Management Tools: JIRA, GIT, Jenkins, Confluence
- IDE: Intellij Idea, Eclipse, Visual Studio Code
- Methodology: Agile, SCRUM, TDD, BDD, ATDD.
- Server: Jetty, Web sphere, tomcat.
- Databases: MySQL, MongoDB and GraphDB
- Code Quality: Sonar
- API Monitoring: New Relic, Prometheus.

Trainings & certifications

- 2018 Certified Scrum Master.
- 2013 Certified Java Developer.

Education

- 2011 Master of Computer Applications. RGTU University
- 2007 Bachelor of Science

Languages

English

Projects Portfolio

Springer

Nature [Jul 2016 - Present]

Role: Senior Software Developer

Project 1: https://nano.nature.com

Industry: Education

Context: Development

Responsibilities:

- Developed and maintained greenfield microservices for the project including CI/CD pipelines and Sonar Reporting.
- Scala and Java based microservices, each microservices serve its specific usage.
- Design the Architecture of Services based on Domain Driven Design.
- Created A/B testing module for application which helps into understanding user persona for the application.
- **Setup Monitoring tool** for Prometheus for the apis.
- Created Kafka Event setup for Auto triggers for data ingestion process.
- Memory Tuning for Graph database.



- Created API documentation user Swagger UI.
- **Build Rate limiter service** for the application which identifies the users based on behavior and block them in case of automated system.
- Created Circuitry breaker implementation for the application to manage multiple service failure scenario.
- Managed GIT repositories, including branching and feature toggle.
- Analyse the user stories from Product owner and clarify the requirement from the stakeholders.
- Do spike (Ideation of problem statement) for the requirements.
- Estimate the user story in sprint planning.
- Breakdown the user stories in meaning full tasks.
- Provide assistance to other team members.
- Code Review, Test Driven Development.
- story analysis, estimation, Planning and implementation.
- Worked as acting tech lead for daily stand-up meetings, reviews, retrospectives, sprint, release planning, demos, Collocations, and other Scrum-related meetings.

Environment: Java, Scala, Spring Boot, Google Cloud, Google analytics, Sonar (Code quality), Amazon S3, Redis (Cache), Kafka, Mongo DB, Mark logic, JavaScript (ES6), HTML, CSS

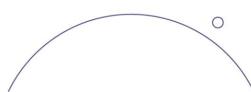
Project 2: https://adisinsight.springer.com

Industry: Education

Context: Development

Responsibilities:

- Build enhancement, feature to this project such as Saved Searches, User onboarding.
- Transition of Java to Scala, learn and practice functional programming.
- Participated in UX design designs, suggested improvement for Security aspects of form.
- Created PayPerDownload Feature with payment integration.
- Manage deployment using Cloud foundry in RED/GREEN manner.
- Migration of our Pipelines in GoCD for deployment.
- Analyse the user stories from Product owner and clarify the requirement from the stakeholders.
- Do spike (Ideation of problem statement) for the requirements.
- Story analysis, estimation and implementation.
- Participated in calls with business, run for colocation meeting.



Environment: Java, Scala, Spring Boot, Google Cloud, Concourse Cl Tool, Sonar (Code Quality), TDD, Mockito, Junit, HTML, CSS

Capgemini

[July 2013 – September 2015]

Role: Consultant

Industry: automotive

Project 1: myJohnDeere.com

Context: Development

Responsibilities:

Participated in development Of Stories

- Product Development, development-from-scratch as well as Application Support areas.
- End to end implementation of user stories using HTML, jQuery, Java script and Spring framework.
- Developed Spring Batch Cron job based on AWS lambda function.
- Programming and analysis of feature request.
- Communicate with US team/stake holders and customers
- Deployments on Production and other environments using Jenkins
- Does Integration test for another component seamless integration.
- Worked as Scrum Master, Mentor
- Helping Customers by resolving issues that they face on Production.
- Practicing design patterns, Test Driven Development and Acceptance Test driven Development
- Following Pair Programming and other XP practices
- Code Reviews and Peer Reviews whenever required
- Practice and share best coding practices

Environment: Spring 3.0, REST API, Spring Security, Aws Lamda, Spring Batch, Hibernate, HTML5, jQuery and CSS3.

Project 2: ECE Services

Context: Development

Responsibilities:

- Built Microservice for internal system to serve device data coming from machines.
- Lightweight Java and Spring based api for serving machine data.
- Introduced to TDD and XP programming practices.
- Written Test case and Functional suite with Business analyst.
- Close coordination between internal application user.
- Setup Pull request-based code reviews process inside team for code quality.
- Run and organize retrospective for the team.



Mentor new joiners under Buddy programs for product implementation.

Environment: Spring 3.0, REST API, JPA, Spring Security, Jenkins, Junit.

Synechron Technologies

[July 2011- June 2013]

Role: Software Developer

Industry: IVR

Project 1: Voice Self Service-IVR – Asurion USA

Context: Participating in project releases in different environment.

Responsibilities:

- Worked as Software Developer in a core layer-IVR Based Java Application, in the IVR suite of applications responsible for profiling the subscribers.
- Developed the basic architecture followed by the framework keeping an eye on reusability and maintenance.
- Primary developer for an application-Java Telephony Integration responsible for mediating between IVR and a web application used by CSRs.
- Development of new enhancements based on the product specifications supported QA till successful QA sign-off.
- Collaborated closely with business stakeholders in terms of tracking deliverables.
- Followed the Agile Methodologies, emphasizing on Best Practices outlined for design and development and mentored the team on the same.
- Participating in project releases in different environment.
- Preparing test cases and performing Unit testing.

Environment: Core Java, JDBC, IVR, VXML, Cisco Voice Portal (CVP)

