

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 **object 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.

- 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.

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- 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 CI 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, JavaScript** 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 Lambda, 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.

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- 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)

