



Deepak Sharma

Engineering Manager | Technical Leadership

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Professional Summary: Engineering Manager | Technical Leadership | Agile Delivery

Engineering manager with 14 years of strong foundation in full stack development and deep technical expertise in API development, microservices and web application using technologies such as **Java, Kotlin and Scala along with Framework like Spring boot and play framework**. Skilled in leading high-performing engineering teams in an agile, test-driven environment with a focus on quality, velocity, and collaboration.

Currently managing a cross functional team of engineers and QA across geographies, working closely with product and UX stockholder to deliver customer centric solutions. String advocator of an agile engineer practices infusing test driven development (TDD), pair programming and continuous deliver to ensure scalable architecture and rapid iteration, bringing a blend of technical leadership, team mentorship and hands-on experience to foster a culture of excellence and innovation.

Leadership & Impact:

- Successfully **led and scaled** engineering teams across multiple locations India, Europe and UK.
- Setup engineering guiding principles for the team and help them practice it.
- Bridges the gap between **technical and business teams**, ensuring **seamless product delivery**.
- Defined **technical roadmaps, architecture decisions**, and best practices for development teams.
- **Optimized performance and scalability** of applications handling high traffic and complex workflows.

Core Responsibilities & Expertise:

- **14+ years** of experience in Kotlin/Java/Scala technologies.
- Hands on experience in API Development/REST APIs /Microservices using Java and Scala Technologies.
- Managing team of 8 developers along with Product and UX members.
- Rich Experience Agile methodology, follows ATDD, TDD, Pair programming.
- Experience in Development of web pages with Core Java, Scala, Kotlin, 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), Maven, Gradle, Google analytics and Git.
- Navigate and collaborate effectively with distributed teams.
- Worked across time zones, bridge cultures differences and communicate effectively.
- Experience leading global initiatives and working with cross functional teams.

Achievements:

- Oracle Certified Professional Sun Java SE-6 Developer.
- Certified Scrum Master (CSM).
- Received awards for managing the team effectively in Springer nature.

Technical Stack & Tools:

- **Languages:** Kotlin, Scala, Java (8+)
- **Frameworks:** Spring Boot, Spring MVC, Play Framework
- **AI Tools:** Cloude, GitHub copilot
- **Architecture:** Microservices, Event-Driven, Domain-Driven Design (DDD)
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Testing & Practices:** JUnit, Mockito, TDD, BDD, Pair Programming
- **CI/CD & DevOps:** Jenkins, Docker, Kubernetes, Cloud Foundry
- **Cloud:** Google Cloud, AWS
- **Testing & Practices:** JUnit, Mockito, TDD, BDD, Pair Programming
- **Frontend:** Angular 5+ (experience in full-stack development)

PROJECT EXPERIENCE

Springer Nature, Pune
Present

Sep' 2015–

Project: SNAPP (JMT), **Role:** Engineering Manager, **Team Size – 10**

Description:

- SNAPP is peer review system, it allows researchers to publish their articles and research paper in their respective journal.

Responsibilities:

- Developed and maintained greenfield Kotlin HTTP4k based microservices for the project including CI/CD pipelines and Sonar Reporting.
- Setup Monitoring tool Prometheus for the apis.
- Created Event setup for Auto triggers for data ingestion process.
- Created API documentation using Swagger UI.
- Build Rate limiter service for the application which identifies the users based on behaviour and block them in case of automated system.

- Created Circuit 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 also do spike (Ideation of problem statement) for the requirements.
- Help other team members. Code Review, Test Driven Development.
- Story analysis, estimation, Planning and implementation.
- As a tech lead driven daily stand-up meetings, reviews, retrospectives, sprint, release planning, demos, Collocations, and other Scrum-related meetings.

Environment: Kotlin, Http4k, Java 8, Google Cloud, Spring Boot, Node JS, Concourse CI, Maven, GitHub, Sonar, API Development (REST), HTML5, jQuery and CSS3.

Project: Nano, **Role:** Senior Software Developer, **Team Size** –8

Description:

- Nano is very powerful research tool; it allows researchers obtain and compare the characteristics of the Nano materials with their composition and preparation method.

Responsibilities:

- Developed and maintained greenfield java spring boot microservices for the project including CI/CD pipelines and Sonar Reporting.
- Setup Monitoring tool Prometheus for the apis.
- Created Kafka Event setup for Auto triggers for data ingestion process.
- Build Rate limiter service for the application which identifies the users based on behaviour and block them in case of automated system.
- Created Circuit 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 also do spike (Ideation of problem statement) for the requirements.
- Help 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 8, Scala, Akka HTTP, Play Framework, Google Cloud, AWS, Spring Boot, Spring Eureka, Kafka, MongoDB, Concourse CI, Maven, GitHub, Sonar, API Development (REST), HTML5, jQuery and CSS3.

Project: Adis, **Role:** Software Developer, **Team Size** –7

Description:

- This is web application is developed for Researcher/PHD Student/ Pharma Companies.

Adis is leading global provider of drug information. Healthcare professional, researchers, decision makers and drug developers alike rely on the information

Responsibilities:

- Build enhancement, feature to this project such as Saved Searches, User onboarding.
- 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.

Environment: Java 8, API Development - Microservices (REST), Spring Boot, Spring Batch, PostgreSQL, Go CI, Kafka, MongoDB, API Development - Microservices (REST), Amazon web services (AWS – S3), HTML5, jQuery and CSS3.

Capgemini India Pvt. Ltd., Pune
‘2015

July’ 2013– Sep

Project: myJohnDeere.com, **Role:** Consultant, **Team Size – 9**

Description:

- This web application is a perfect solution for farmers/dealers who want to maintain complete life cycle their farms.

Responsibilities:

- Product Development, development-from-scratch as well as application fix.
- 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
- Worked as Scrum Master, Mentor
- Practicing design patterns, Test Driven Development and Acceptance TDD.
- Following Pair Programming and other XP practices

Environment: Java, Spring 3.0, REST API, Spring Security, Spring Batch, Hibernate, HTML5, JQuery and CSS3.

Project: ECE Services, **Role:** Consultant, **Team Size – 8**

Description:

- It is a web service platform that provides web services to other projects as well as UI for ECE application the help the embedded engineers.

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.
- 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 REST, JPA, MySQL, Junit, Test Driven Development.

Synechron Technologies Pvt. Ltd., Pune
June'2013

Jul'2011 –

Project: Voice Self Service-IVR – Asurion USA, **Role:** Software Developer, **Team Size – 4**

Description:

- The project is an IVR application, wherein developing the presentation part of that application. As well as voice-based logic implementation with .net framework.
- End-to-end claim processing Through IVR channel where user can file a claim, complete an existing claim, resume a claim, and made payment for claim of lost or stolen mobile handset.

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
- Development of new enhancements based on the product specifications supported QA till successful QA sign-off.
- Followed the Agile Methodologies, emphasizing on Best Practices outlined for design and development and mentored the team on the same.
- Preparing test cases and performing Unit testing.

Environment: IVR, VXML, Core Java, Cisco Voice Portal (CVP), Spring 3.0, Hibernate

Education

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

Personal Details

Date of Birth	13-08-1987
Language Known	English, Hindi

Declaration

I declare that all the data furnished above is true to the best of my knowledge.

Place: -

Date: -

Deepak Sharma