

# Harsh Sharma

18, Behind Krishna Paradise,  
Krishna Vihar Colony,  
Jaipur - 302040.  
Skype: khandal60  
Mb: +91-8209968272  
[technical.harsh90@gmail.com](mailto:technical.harsh90@gmail.com)

## ABSTRACT

- Having 5<sup>1/3</sup> years of total IT experience in Web based software development.
- Responsible for multi-faceted role, technical capability to develop and manage high quality web applications using Scala along with Play and Apache NIFI.
- Experience in working with large team distributed globally.
- Exposure in managing projects using source controls repository and to develop code by quality checks and guidelines.

## TECHNICAL SKILLS

<b>Methodology</b>	Agile, SAFe
<b>Programming</b>	Scala, Java, Python, C, C++
<b>Frameworks</b>	Play Framework, AngularJS
<b>REST Frameworks</b>	Akka-http
<b>Database</b>	Slick, MySQL, Postgres, Elastic Search, MongoDB
<b>Cloud</b>	Amazon S3
<b>Testing</b>	ScalaTest, Specs2, Mockito, Scoverage
<b>Build Tools</b>	SBT, Scala-JS, Scala-CSS, Maven, Gradle
<b>Version Control</b>	Github, BitBucket
<b>Big Data</b>	Apache Spark, Apache Hive
<b>Front-End</b>	JavaScript, JQuery, HTML, CSS
<b>API Platform</b>	Apigee
<b>Others</b>	Apache NIFI, 3D Modeling & Animations

## EXPERIENCE

### TECHSOPHY INFORMATION SOLUTIONS PVT LTD [July 23, 2018 – Present]

#### APPLE INDIA PVT LTD (*On-Site*)

##### As Senior Software Engineer

Scala, Play Framework and Apache NIFI  
Waverock SEZ, Hyderabad, Telangana, India

### ARICENT TECHNOLOGIES [July 17, 2017 – June 29, 2018]

##### As Senior Software Engineer

Scala and Python Platform  
Unitech InfoSpace, Sector 48, Gurgaon, Haryana, India

### KNOLDUS SOFTWARE LLP [Jan 15, 2015 – July 14, 2017]

##### As Software Consultant

Scala, Play Framework and AngularJS Framework  
New Delhi & NSEZ, Noida, Uttar Pradesh, India

## PROJECTS

#### Project Title : Apple Maps

**Technologies** : Scala, Akka, Play Framework, MongoDB, Apache NIFI

**Client** : In-House Project

**Role** : Implemented the Data Flows on Apache NIFI and load data into MongoDB. On the other hand implemented the Api's on Play Framework to process the data from MongoDB and return to the UI. Worked in another team on Spark and Hive also.

#### Project Title : Excalibur

**Project Overview** : Excalibur focuses on implementing the data storage system in such manner that the data can be processed from both the Ship side and Shore side frequently.

**Technologies** : Java, Lagom Framework, Apigee, Consul, DC-OS, Docker, Jenkins, Kafka

**Client** : Royal Caribbean Cruises Limited (RCCL), USA

**Role** : Implemented the microservices on Lagom Framework, did analysis of the service running with Consul by integrating the services with the users through the MicroGateway in form of Apigee Platform

#### Project Title : CodeSquad

**Project Overview** : CodeSquad aims to provide you with an qualitative analysis and insight of the projects running in your company by highlighting the missing or the problematic parameters.

**Technologies** : Scala, Scala-JS, Scala-CSS, JavaScript, Play Framework, Postgres

**Client** : Knoldus Software LLP, INDIA

**Role** : Created the reports and loaded the content into ScalaJS templates via Play Framework template.

#### Project Title : Data Quality Roobrick

**Project Overview** : Data Quality Roobrick allows a user to validate, remediate, transform, and audit a Source. It is intended to be used in situations where data set quality is potentially poor, as in feeds collected from various parties. A Format is a set of rules and metadata that attach to each feature of a Source. These rules, defined through a DSL or lambda expression, are applied against incoming Source features to produce a Validation Set.

**Technologies** : Scala, Spark, Play Framework, JavaScript, Angular JS, Kendo UI, Maven, Anorms

**Client** : One Access / Roobricks, USA

**Role** : Created the Rule Engine and validation rules, along with managing the UI side with Angular JS integration.

**Project Title :** Fitfyles

**Project Overview :** FitFyles is a medical concierge which takes away all the hassles associated with healthcare. As a start, FitFyles provides you the detailed information of your prescriptions in simple readable words/format.

**Technologies :** Scala, Play Framework, SBT, JavaScript, Elastic Search, Akka-Http, Amazon S3

**Client :** Knoldus Software LLP, INDIA

**Role :** Worked on integrating the functionalities keeping Elastic Search and Play Framework at backend side and javascript at frontend side.

**Project Title :** Decooda

**Project Overview :** A platform that synthesises structured and unstructured social media big data into actionable insights that enable marketing and sales teams to identify the insights and behaviours that matter. It leverages the power of text analysis to deliver insight and business intelligence for driving real-time marketing, sales, and customer engagement.

**Technologies :** Scala, Play Framework, SBT, JQuery, Elastic Search, Gradle, Kafka

**Client :** Decooda, USA

**Role :** Worked on integrating the project with Scala Futures so that results can achieved in good manner.

**Project Title :** ScalaGeek

**Project Overview :** ScalaGeek is an initiative to help programmers learn Scala. It is an MCQ(Multiple Choice Questions) based Examination system. Scala-Geek provides an easy-to-use environment for preparing questions, conducting exams and managing results. It is specifically focused on online skill test for Scala.

**Technologies :** Scala, Play Framework, Postgres, JavaScript, Anorms

**Client :** Knoldus Software LLP, INDIA

**Role :** Worked on functionalities for online exams and generating ongoing results during the exam session and implemented the functionality to keep the track of questions under the tags provided by user.

## CERTIFICATIONS

- Cambridge English Entry Level Certificate in ESOL International (Business English).
- Certification in Java (**Core and Advance**)

## EDUCATION

- **2012 – 2015 Master of Computer Applications (MCA) with Honours**  
International School of Informatics and Management, Jaipur, Rajasthan (**RTU**)
- **2008 - 2011 Bachelor of Computer Applications (BCA) with First Division**  
St. Wilfred's P.G. College, Jaipur, Rajasthan (**RTU**)

## OTHER ACHIEVEMENTS

- **Scala Contributor** : Open Source Contribution in **Scala Programming Language** approved by Scala in August 2018, Pull Request Link - <https://github.com/scala/docs.scala-lang/pull/1111>.
- Got **Keep It Up** Quarterly Award for performance and work as a key member in the project in 2017.
- Got **Blogger Of The Month** award for writing a successful series of blogs **Effective Programming In Scala** in 2016.
- Got the following blogs selected and published on **Scala Times** newsletter,
  - [Effective Programming In Scala – Part 3 : Powering Up your code implicitly in Scala](#)
  - [Scala Type Level – Part 4 : Way to the HigherKinds](#)

## BLOG SERIES

- Effective Programming In Scala (3 Blogs),
- Scala Type Level (5 Blogs)

## PERSONAL DOSSIER

<b>Date of Birth</b>	August 8, 1990
<b>Sex</b>	Male
<b>Marital Status</b>	Married
<b>Nationality</b>	Indian
<b>Languages Known</b>	English, Hindi, Telugu( <i>at low level</i> )
<b>Permanent Address</b>	18, Krishna Vihar, Jaipur Rajasthan, India – 302040

## DECLARATION

I hereby declare that the above written particulars are true to best of my knowledge and belief.

Date - May 11, 2020

Harsh Sharma