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SUMMARY		
I have 10 years of building distributed scalable applications. I currently like to use Scala, Java or Kotlin for backend and react with typescript for the front end. I also work on building data pipelines using spark.		
EXPERIENCE		
Associate, Application Developer	JP Morgan	Sept 2016 - Present
<ul style="list-style-type: none"> <input type="checkbox"/> Full stack developer with the Private Bank, building trade idea generation and recommendation system. <input type="checkbox"/> Working on big data applications using Hadoop, Hive and Spark on CDH. <input type="checkbox"/> Also helping build web applications using ReactJs, Java, Typescript and Scala. <input type="checkbox"/> Deploying to private cloud based on Pivotal Cloudfoundry. 		
Senior Software Engineer	Citadel Technology Solutions	Feb 2016 – Sept 2016
<ul style="list-style-type: none"> <input type="checkbox"/> Scala developer building distributed scalable application as a specialized startup. <input type="checkbox"/> Building a tax filing system to be used by millions of people. <input type="checkbox"/> Technology stack – Scala, Akka, Play framework, Eventuate, Cassandra. <input type="checkbox"/> Building microservices with event sourcing and CQRS. 		
Senior Associate	MSCI (Morgan Stanley Capital International)	July 2014-Jan 2016
MSCI Analytics <ul style="list-style-type: none"> <input type="checkbox"/> Worked on a completely new scala application which will calculate and deliver risk data on request over a REST api. Using Spray.io and breeze for linear algebra. <input type="checkbox"/> Major work is done using –Scala, Java, Gradle , Angular JS, Shell scripting and Oracle. <input type="checkbox"/> Also develops and maintains API's for reading and writing risk data to oracle database. These API's are used by matlab and java clients. <input type="checkbox"/> Took care of multiple applications which help deliver MSCI Barra risk models daily to the clients. 		
Associate, Application Developer	JP Morgan	Oct 2012-July 2014
Settlements and Clearing Technology <ul style="list-style-type: none"> <input type="checkbox"/> Worked on building and enhancing three different J2ee applications using core java, multithreading, spring, struts, JMS, Sybase, and Oracle 10g. <input type="checkbox"/> The applications deal with settlements tracking, reporting of trade volumes & breaks and UI for positions and settlements system. <input type="checkbox"/> My role includes understanding requirements from the user, implementing the complete requirement, releasing it to production and L3 support for the same. <input type="checkbox"/> Working under lean agile mode and developing systems using TDD. Worked under <i>Scrum and Kanban models</i>. 		
Senior Developer	Nomura Holdings (Ex Lehman Brothers)	June 2008-Sept 2012
Swaps trading Platform – Spear <ul style="list-style-type: none"> <input type="checkbox"/> Owned complete development and support of trading systems UI which was built in C# and .NET. <input type="checkbox"/> Also built a java module which relays messages to EOD calculation engine. Using core java and JMS Prime Services – Wire Transfer application <ul style="list-style-type: none"> <input type="checkbox"/> Built a new wire transfer module for clients in Java and an external client facing UI in Flex/Action Script. <input type="checkbox"/> Studied multiple SWIFT message formats and wrote a parser to read those. <input type="checkbox"/> Worked on penetration testing for the application along with an external security testing agency for the external user interface. Prime Services – Trade capture application <ul style="list-style-type: none"> <input type="checkbox"/> As a team built a completely new trade capture platform for prime services business. <input type="checkbox"/> Worked with the downstream settlement system GLOSS to understand the message formats and built a new message transfer module to transfer messages over JMS in real time <input type="checkbox"/> Created a sub module to display real time trade settlement statuses to clients. <input type="checkbox"/> Wrote multiple procedures to fetch settlement and trade report for clients. <input type="checkbox"/> Individually implemented a static data capture and caching mechanism from a data repository. 		

Student/Intern	VJTI, Computers Department	Apr 2007-Mar 2008
<p>Web based Examination Module</p> <ul style="list-style-type: none"> <input type="checkbox"/> Implemented a GRE type test wherein an examiner could create MCQ tests which can be computer adaptive. <input type="checkbox"/> It was a J2EE application built using Jsp, Servlets and MySql. 		
Open Source Contributions		
<ul style="list-style-type: none"> <input type="checkbox"/> Contributor to <u>play framework</u>. Have contributed multiple refactoring's and documentation updates in Play framework codebase. <input type="checkbox"/> Author of <u>tasks team city plugin</u>. The plugin helps identify pending items in the code and prepares a report when the project build runs. Plugin URL - <u>Jetbrains teamcity plugins</u> 		
LANGUAGES & TECHNOLOGIES		
<p><i>Languages:</i> Java, Scala, Javascript, Kotlin, SQL, Matlab, C#, HTML 5, Shell Scripting <i>Frameworks/Libs:</i> Akka, Play, JMS, React JS, Spring, JUnit, Angular JS 1.x, Hibernate, Ibatis, Android <i>Big Data:</i> Hadoop, Hive, Hbase, Spark, Kafka <i>Database:</i> Oracle, Sybase, Cassandra <i>Tools:</i> Jenkins (CI), Fitnesse, Selenium, Sonar, Pivotal Tracker. Cloud: AWS, Heroku, Cloudfoundry Methodologies: Scrum, XP, Test Driven Development, BDD</p>		
EDUCATION		
<ul style="list-style-type: none"> <input type="checkbox"/> B.TECH in Information Technology (2004-2008) from V.J.T.I., Mumbai. 		
CERTIFICATIONS		
<ul style="list-style-type: none"> <input type="checkbox"/> Big Data Analysis with Scala and Spark by École Polytechnique Fédérale de Lausanne on Coursera. Certificate earned on April 8, 2017 <input type="checkbox"/> Functional Programming Principles in Scala by École Polytechnique Fédérale de Lausanne on Coursera. Certificate earned on June 18, 2016 		