



RAJARSHI TARAFDAR

Software Development Manager

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A versatile, high-energy software development manager with a strong skill set in software development, project management & team leadership and expertise in overseeing the development of software projects and managing software development teams; looking forward to work with an organization of high repute preferably in Bangaluru

PROFILE SUMMARY

- Detail-oriented professional **with 7 years** of experience in requirements analysis, design, development, testing, and deployment of software applications; possess a strong understanding of key concepts such as **Garbage Collector, Collections, Multithreading, Exception Handling, Singleton, DAO & MVC**
- Proficient in **Agile Methodology, Waterfall Methodology, and Test-Driven Development**; skilled in **Hadoop, Kafka, Cassandra & Spark**, as well as **NOSQL MongoDB**; proficient in **Front-End UI technologies** such as HTML5, CSS3, JavaScript, JSP, and JSON
- Extensive experience working with **Java 1.8** and features like stream, Lambda expressions, and functional interfaces; skilled in **J2EE technologies, Hibernate, Spring, and middleware technologies**
- Experienced in **Spring framework modules** like Spring IOC, Spring AOP, Spring MVC, Spring Security, and Spring Boot; proficient in **Hibernate Object relational mapping (ORM)**; experienced in developing Microservices using Spring Boot-based services interacting through a combination of REST & MQ
- Skilled in **Web Services**, creating SOAP request, and making a WSDL call, and experience working with SOAP and RESTFUL Web Services; skilled in **Amazon Web Services** like EC2, S3 bucket, ELB, Auto-Scaling, AMI, IAM through AWS Console and API Integration
- Experience in Server infrastructure development on **API Gateway, Cloud Formation Templates, ELB, Auto Scaling, DynamoDB, Elasticsearch, Virtual Private Cloud (VPC), Cloud Watch, and ECS**
- Experienced in build tools like **ANT, Maven, and Jira** as a tracking tool
- Proficient in **JBoss, IBM WebSphere, WebLogic, and Tomcat** application servers, **Apache Http Web servers** with rapid development interfaces as part of configuration and development of Enterprise Applications
- Skilled in developing database applications using **Oracle 11g/12c, MySQL, MongoDB**; experienced in **Version Control Systems** like CVS, SVN, and GIT, as well as Jenkins, Docker
- Skilled in **Java compliant IDE's** such as Eclipse, NetBeans, IntelliJ, Notepad++
- **Strong managerial skills**, with the **capability to lead a team** and manage multiple projects simultaneously; **excellent communication and interpersonal skills**, with the skill to collaborate with cross-functional teams and proven capacity to **manage budgets** and resources effectively to ensure projects are completed on time and within budget

CORE COMPETENCIES

Software/Web Development
Database Management
Project Management
Troubleshooting & Debugging
Cloud Computing
Data Science/Bootstrapping
Data Analysis & Visualization
Machine Learning
Statistical Modelling

SOFT SKILLS

Problem Solving	Business Acumen
Communication	Collaboration
Continuous Learning	Team Management

ACHIEVEMENTS

- Received **UMKC Spring 2017 Hackathon Award** for android project "Smart EMR App"
- Awarded with **Deans International Scholarship**
- Received **Outstanding Award for contributor** in 2020 by Cognizant
- Managed and **lead a team of 12 members** in Blue Cross Blue Shield (Cognizant) as Associate – Projects (Senior Developer)

TECHNICAL SKILLS

- **Programming Languages:** Java, JEE, HTML, CSS, JavaScript, JSON, XML, XSLT, Python
- **Web Technologies:** HTML, CSS, DOM, JavaScript, XML, JSON
- **Technologies:** JDBC, Servlets, JSP, Spring, Hibernate, SOAP, RESTful Web Services, JAXB, Rabbit MQ, AngularJS, Apache spark, spark ml, Apache Flink and MapReduce; **Cloud Computing:** VPC, EBS, S3, RDS (MySQL), AWS EC2, NOSQL
- **AWS Technologies:** AWS EMR, AWS Glue, AWS Lambda, s3, dynamo DB, Redshift, EMR
- **Application Servers:** Apache HTTP web server, Apache Tomcat, Glassfish Server
- **IDE's/Development tools:** NetBeans, Eclipse, My Eclipse
- **Databases:** Oracle (12c, 11g, 10g, 9i, 8.x), MongoDB, MySQL
- **Deployment tools:** Jenkins, Docker, Maven, and Amazon EC2
- **Version Control:** SVN, CVS, Git; Issue Trackers: Bugzilla, JIRA, Junit

CERTIFICATIONS

- **“Developer – Associate”** by Amazon Web Services
- **2017: “Graduate Teaching Assistant”** from UMKC
- **2015: “MYSQL Training”** from IIT Bombay
- **2015: “Java”** from IIT Bombay
- **2015: “Python”** from IIT Bombay
- **2014: “Advanced Python”** from ESL (an ISO company)
- **2014: “Python”** from ESL
- **2014: “J2EE”** from ESL
- **2013: “Data Structure”** from CMC
- **2013: “Application Development using C# in .NET”** from Globsyn
- **2012: “Certificate of Participation”** from IIT Kharagpur in collaboration with Kyrion in Ethical Hacking

PAPER PUBLICATIONS

- **2017 – 2018:** Finding Majority For Integer Element, ACM
- **2017:** Algorithms for Majority Problem, Las Vegas, World Congress
- **Thesis:** “Algorithms for Majority Problem”
 - **Description:** It uses a modified version of the Tetris game algorithm. Additionally, it can be applied to market prediction algorithms. Conducted research on the effectiveness of RFID and magnetic cards, which can be employed in e-commerce and library administration systems

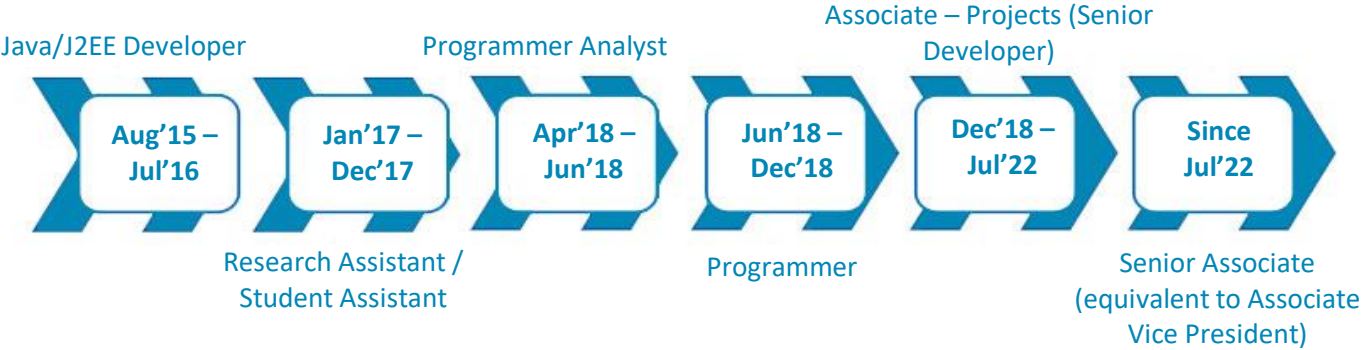
ACADEMIC PROJECTS

- **Title: “Medi Scape”**
 - **Technology Used:** Android, sqlLite, rest services, Search Nearby Api, Google map, video chat, text chat in android
 - **Description:** It is a Hospital Management Application built on Android and FireBase as the database. This is android application which makes the collaboration between the doctor and patient easier
- **Title: “Smart EMR App”**
 - **Technology Used:** Ionic, REST API, AngularJS, NodeJS, MongoDB, HTML
 - **Description:** A Medical App built on Ionic platform and Mongo DB as the database
- **Title: “Big Data”**
 - **Technology Used:** Apache Spark, HDFS, JSON, Scala, Python, Java, Cassandra
 - **Description:** Developed a system to store, analyze and visualize a social networks data using Hadoop, spark, scala and python and Cassandra. Collected 200K+ tweets using Twitter API, analyzed the collected tweets using Apache SPARK for generating several analytical queries Visualized the tweets
- **Title: “Online Banking System”**
 - **Technology Used:** HTML, JSP, SPRING, MongoDB
 - **Description:** Built on spring, html, servlets and used Oracle Database in the back-end

EDUCATION

- **2021: Post Graduate in Data Science** from International Institute of Technology, Bangaluru
- **2017: Masters in Computer Science** from University of Missouri, Kansas City (USA) with 3.74/4 CGPA
- **2015: B.Tech. (Computer Science and Engineering)** from West Bengal University of Technology with 8.53/10 CGPA

CAREER TIMELINE



WORK EXPERIENCE

JP Morgan & Chase, Chicago, IL

Senior Associate (equivalent to Associate Vice President)

Since Jul'22

Role:

- Developing and maintaining finance/healthcare insurance applications in production and dev environment
- Consuming the technical stack that includes Java, JSP, Spring, Hibernate, Oracle, DB2, SQL, REST API, XML, Web Services, and relational databases in Oracle
- Communicating with end-users and cross-functional teams to ensure that applications meet the business requirements and are delivered on time
- Building ETL data pipelines and real-time data processing for the applications; working with technologies like AWS EMR, AWS Glue, AWS Lambda, S3, Dynamo DB, Redshift, EMR, Rabbit MQ, Apache Spark, Spark ML, Apache Flink, and MapReduce
- Delivering the resolution of customer issues within strict SLAs; using log monitoring tools like ELK (Elastic Logstash Kibana), Splunk, Dynatrace, and ServiceNow to track and resolve issues
- Working with AWS technologies like AWS EMR, AWS Glue, AWS Lambda, S3, Dynamo DB, Redshift, EMR, and other cloud platforms
- Enhancing applications using predictive modeling, machine learning, segmentation, optimization, clustering, and regression
- Resolving data issues and application code-related issues using cloud platforms like AWS and Kubernetes
- Working with Kafka, a distributed streaming platform that is used for building real-time data pipelines and streaming applications

PREVIOUS WORK EXPERIENCE

- **Dec'18 – Jul'22:** Blue Cross Blue Shield (Cognizant), Chicago, IL as Associate – Projects (Senior Developer)
 - **Project:** HCSC Prod Support
- **Jun'18 – Dec'18:** Genentech, San Francisco, CA (Net polarity) as Programmer
 - **Project:** Process Development Engineering (E-Ticket)
- **Apr'18 – Jun'18:** Symantec, Mountain View, CA (Ultimo software Solutions) as Programmer Analyst
 - **Project:** CBU Integration
- **Jan'17 – Dec'17:** University of Missouri, Kansas City, USA as Research Assistant / Student Assistant
- **Aug'15 – Jul'16:** IGATE – Capgemini, Chennai, India as Java/J2EE Developer
 - **Project:** Online Banking

PERSONAL DETAILS

Date of Birth: 03rd January 1993
Languages Known: English, Hindi and Bengali
Present Address: Kensington Gardens, Kalhalli, Ulsoor, Bengaluru, Karnataka – 560042