

Rajashree Achyut Joshi

'Kulprakash' Chandreshwar Society, Shikharewadi, Nashik Road, Nashik 422 101
+91 – 9922745492 | rajashreejoshi8@gmail.com

Academic History

Qualification	Board/University	Year	Percentage	Class
BE(Bachelors of Computer Engineering)	Pune University (Vishwakarma Institute of Information Technology, Pune)	2012-15	72.66%	Distinction
Diploma	MSBTE (K.K.Wagh Polytechnic, Chandori, Nashik)	2009-12	79.29%	Distinction
High School	SSC (R.J.C.B. Girls High School, Nashik)	2008-09	79.53%	Distinction

Employment History

Company	BNY Mellon Technologies India Private Ltd, Pune, Maharashtra
Project	Digital Transaction Engine
Role	Senior Application Developer – Applications Development
Duration	June 2015 – Till Date

Description of Project:

Digital Transaction Engine is centralized system to capture, validate, enrich and repair Global trades. DTE provide a stream-lined operational model for the trade capture process and eliminate duplicate processing. DTE built using a modern technology stack using shared services such as BXP, BXP-CLI, NEXEN Gateway, EFI, DP, EDG and OCR. DTE application will source data from Global Transaction Management (GTM) system, Global Securities Processing (GSP) system, Security Master Database (SMDB) system, Broker Master Database (BMDB) system.

Roles And Responsibilities:

1. Involved in Core Development using Clean Code and TDD approach, guiding Team and following Scrum Methodologies.
2. Develop product of Digital Transaction Engine for Custody, Derivatives, Bonds and Equity trades etc. using Spring, SpringBoot, Alfresco Activiti, Drools and Kafka Broker.
3. Build frontend for the product using front end technologies such as Angular JS, HTML, CSS and Bootstrap.
4. Use Jasmine Framework to perform the Unit Testing using Karma Runner and Automated Testing using Protractor.
5. Participating in all Scrum Ceremonies like Sprint Planning, Sprint Review, Backlog Refinement and Retrospection etc.
6. Perform end to end integration testing to verify connectivity between BNYM interfaces using proprietary tool Global Transaction Management (GTM) and Global Securities Processing (GSP)

7. Build, deploy and maintain the NEXEN Application by traffic routing, load balancing using proprietary tool **BNY Mellon eXtreme Platform (BXP)**.
8. Implement DTE Application and publish the same on **NEXEN APLI Store**.
9. Store the Security Message instructions, Audit Reports to Nexen Content Management (NCM)
10. Handled the production release as a first Release Manager from Pune Team.
11. Handling various change requests and enhancement requests coming from client.

Other Projects

Bachelor of Engineering Final year project [Research Project]	Dynamic Monitoring System using Root Framework.
Sponsored By	Tata Institute of Fundamental Research (TIFR), Rajbhavan, Ooty
Duration	2014-15
Technologies	C/ C++, Root Framework
Operating System	Ubuntu

Project Description :

The purpose to develop a Dynamic Monitoring System using Root Framework is for researchers to perform research on data analysis gathered at TIFR, Ooty. Daily a million of GB data collected at the Server Station, Ooty. These data is scrutinized at the Laboratory, Mumbai to understand the incoming cosmic rays, Gathered data is transported to Mumbai from Ooty via Post and consequently results calculation done over the data after data reached to the destination (i.e., Mumbai). The application Dynamic Monitoring System captures data directly from Server Station and represents the same on User Interface which facilitates researchers to perform analysis on live data instead of old one.

Roles And Responsibilities:

1. Understand client requirements and conduct the Formal Technical Reviews (FTR).
2. Prepare UML (Unified Modeling Language) diagrams using Rational Rose tool to articulate the User Requirements.
3. Develop a front end using the Root Framework.
4. Prepare project documentation in a LaTeX document preparation system.

Academic Project	Online Peripheral Shoppe
Duration	2013-14 [Third Year Second Semester]
Technologies	HTML, CSS, Bootstrap, JavaScript, Servlets, JSP, Oracle 10g
Operating System	Windows

Project Description :

Web based application whole-sole for peripheral Shoppe to manage their customers by providing a wide variety of peripherals without actually visiting to the shop.

Roles And Responsibilities:

1. Prepare UML (Unified Modeling Language) diagrams using Rational Rose tool to articulate the requirements.
2. Develop a web based application using JavaScript, HTML, CSS and Bootstrap on NetBeans 7.0.1.
3. Prepare documentation and power point presentation of the project

4. Present with the Teammates before Project Guide

Academic Project [intra department]	Cumulative Grade Point Average (CGPA) System
Duration	2013-14 [Third Year First Semester]
Technologies	Visual Basic 6.0 (VB6.0), Oracle 10g
Operating System	Windows

Project Description :

A desktop application that will calculate Grade Points and Cumulative Grade Point Average of the marks obtained by the students of Computer Department and plot the graph respectively. This application is useful for the departmental staff to analyze progress of the each and every student.

Roles And Responsibilities:

1. Prepare UML (Unified Modeling Language) diagrams using Rational Rose tool to articulate the requirements.
2. Build an application using Visual Basic on NetBeans 7.0.1.
3. Construct a database schema and table in Oracle Database to store Student's Data.
4. Prepare documentation and power point presentation of the project

Technical Skills

Programming Languages	Core & Advance Java, JavaScript, JSP, Servlet, Visual Basic, VB.Net
Markup languages	HTML and CSS, XML, JSON
Framework	Spring , AngularJs
Application Server	Apache Tomcat
Database Strength	SQL (Structural Query Language), Oracle (9i, 10g)
IDE and Tools	IntelliJ, Eclipse, NetBeans, Git, SonarQube, JIRA, Putty, FileZilla, Maven, Jenkins
Repository	Git

Achievements And Accolades

1. Coursera Certification in **Front-End Web UI Frameworks and Tools, Front-End JavaScript Frameworks: AngularJS and HTML, CSS and JavaScript.**
2. Certificate of merit for the **3rd rank** in the department in year 2014-15.
3. Gold medals for the **Best Committee member** & for **Department Head** in NSS 2013-14.
4. **'Best Outgoing Student of Department'** trophy in K.K.Wagh Polytechnic in the year 2011-12.
Completed **NIIT** course titled 'Object Oriented Programming Using C++'