



Mohammed Amanullah

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Professional Summary

- More than 15 years of experience in Enterprise application development, in capacity of Architect, Lead Developer
- Experience in designing, developing and migration applications to Cloud. Build Cloud Native Application for born in cloud ecosystem
- Experience in practicing and driving Agile methodologies using Scrum
- Experience in enterprise systems for Learning and management, Telecom billing domain, and Logistics domain, Credit Ratings domain
- Experience in Devops activities for configuration management of application, infrastructure automation, continuous deployment
- Experience in building application and architecture using Microservices, Container, Kubernetes on cloud.

Highlights

- Experience in **Performance Engineering** activities for Cloud based application, including performance monitoring, identifying bottlenecks and proposing solutions
- Experience in using AWS cloud platform for designing cloud native applications.
- Managed complete life cycle of multiple projects including project plan / timeline setup, maintaining project deliverables
- Demonstrated knowledge in SaaS based applications, MVC Architecture, Multi-tier, Multi-layer, Distributed application developments and web services
- Provided consulting to many projects both small and large scale enterprise level.
- Avid Trainer and technology speaker on various seminars and training session on Java, Java EE technologies and cloud technologies

Work Experience

Confidential

Monitoring Architect, SOA Architect, Java/Python developer
Aug 2018 – present

Wavity Pvt Ltd

Technical lead,
Jan 2017 – Aug 2018

Cisco Systems (payroll of SRS Consulting INC)

Senior Java developer, Scrum Lead
Sept 2014 – Jan 2017

NetCracker Technology (erstwhile Convergys IM)

Senior Associate
Feb 2011 – Feb 2014



Educational Qualification

B.Tech (Electronics and Communications Engineering), May/June **2005**

M.Tech (Computer Network and Information Security), Mar/Apr 2023

Certifications and Courses

- AWS Certified Developer Associate
- AWS Certified Solution Architect Associate
- AWS Authorized Instructor
- ITIL ® 2011 Certified
- OCPJP, Oracle Certified Professional, Java SE 6 Programmer
- RBM 6.0 Product Specialist with (CRM, Product & pricing, Discount configuration etc.)
- Project Management: The Basics for Success, Coursera.com
- Initiating and Planning Projects, Coursera.com
- Budgeting and Scheduling Projects, Coursera.com
- Scrum Fundamentals Certified, ScrumStudy.com
- Being an Effective New Leader, Sunstone Business School

Top Skills

Cloud development
Programming Languages
Java Frameworks
Server
Config And Build
Source control
Build tools
Databases

Apps using AWS services like S3, Dynamodb, SQS, SNS, etc
Java, JEE, Python
J2EE, Spring, Spring REST, Hibernate, Axis, CXF, JAX-WS, Struts
Weblogic, Websphere, Tomcat, Jetty, Embedded Jetty
Chef, Jenkins, Docker, Docker-compose
GIT, SVN
Ant, Grunt, Maven, Gradle, SBT
Oracle, Mysql, DB2, H2, MongoDB, OrientDB, Elastic search, Solr



Appendix (Projects Experience)

WavityPvt Ltd

OneTeam

OneTeam allows you to create ad-hoc teams where individuals come together and communicate and collaborate to get things done. OneTeam also enables the creation, assignment and tracking of tasks assigned to team members or other individuals in the company who may not necessarily be part of the team. It also has the ability to allow non-technical users to Design and Deploy form based applications and for companies to share the developed applications with other tenants on the Wavity platform. A report dashboard offers visibility into KPIs that the company needs to track.

Tools and Technologies used: Java, Spring, Postgres, Solr, Zookeeper, Kafka, Docker, Integrated Microsoft and Google services.

Responsibilities:

- Work with fast paced delivery model of weekly delivery using Continuous Deployment and Continuous Delivery model using Agile process.
- Involve in designing, developing and deploying and testing the application.
- Involve in Performance Engineering activities like monitoring application performance, identifying bottlenecks, providing solutions to major problems.
- Identify right tools for verifying load and performance of cloud system.
- Lead a team of 10 people working at different geographic locations. Provide weekly releases through low risk and reliable builds thoroughly tested for functional and performance issues.
- Involve in developing feature enhancements and fix issues arising in production systems.
- Ensure the team adheres to Agile principles and provide timely updates to Project Management team.

Duration: Since Jan 2017

Cisco Systems

Cisco Collaborative Knowledge Suite

Cisco Collaborative Knowledge is a complete, end-to-end solution that strategically combines best-in-class digital workplace capabilities to redefine the customer and employee experience. With it, organizations can gain the critical information they need in real-time to make informed business decisions. The result: improved performance, productivity, and competitive advantage.

With Cisco Collaborative Knowledge, you can accomplish the following starting Day One:

- Mobilize your workforce with knowledge, speed, and flexibility to create a more empowered, productive and engaged organization
- Integrate a recent acquisition quickly and efficiently
- Foster a culture of continuous learning and innovation
- Form agile teams to rapidly collaborate on and innovate new solutions

Tools and Technologies used: Spring 4.3, Ember.js, MongoDB, Chef

Responsibilities:

- Work with fast paced delivery model of weekly delivery using Continuous Deployment and Continuous Delivery model using Agile process.
- Provide weekly releases through low risk and reliable builds thoroughly tested for functional and performance issues.
- Work for production related issues and enhancements of new features through small cycles involving in requirements gathering with POs and BAs, implementing and regression testing.
- Involve in developing feature enhancements and fix issues arising in production systems.
- Ensure the team adheres to Agile principles and provide timely updates to Project Management team.

Duration: Since June 2015



Visual Knowledge Map (Cisco Collaborative Knowledge Suite)

An Analytics based system to identify knowledge strengths and gaps across the organization. Integrated into a cloud based, comprehensive solution for learning, collaboration and networking system, called Cisco Collaborative Knowledge Suite, this application presents analytics based on user expertise, endorsements and interest for different knowledge areas. Implemented as 3 tier solution, with Responsive UI and RDF database at backend.

Tools and Technologies used: Spring 4.3, Ember.js, MongoDB, Chef

Responsibilities:

- Leading a team of 6 resources spread across different geographical locations.
- Work closely with team to translate business requirements to technical requirements.
- Involve in designing, developing and deploying and testing the application.
- Involve in Performance Engineering activities like monitoring application performance, identifying bottlenecks, providing solutions to major problems.
- Identify right tools for verifying load and performance of cloud system.
- Provide production support to the product acting as L3 support team. Acting as SPOC for L3 support for few modules.
- As a scrum master, driving the application development team through the Agile process.
- Facilitate team collaboration via the execution of daily scrum meetings, release planning, sprint planning meetings and retrospectives meeting.
- Involve in daily Scrum of Scrums meetings to represent the team in a big picture comprising of different geographical locations.
- Creating efficient work environment for developers by removing impediments and fostering communicated work flow.

Duration: Aug 2014 – June 2015

UPRR (ProKarma Softech)

Electronic Rules, Bulletins and Timetable (UPRR)

Tools used: HP ALM Quality center, VersionOne, Spring MVC, Hibernate, Jetty

This system was developed in three phases Rules, Bulletins and Timetables.

This system was developed to facilitate the railways operations staff with information on rules to be followed on the duty while operating various roles and responsibilities. Bulletins module was to update the required information dynamically to operators. Timetables consisted information of various tracks and mileposts spread across the areas and zones.

Responsibilities:

- Leading a team of 5 resources spread across different geographical locations.
- Involve in designing, developing and testing the application.
- As a scrum master, driving the application development team through the Agile process.
- Facilitate team collaboration via the execution of daily scrum meetings, sprint planning meetings and retrospectives meeting.
- Creating efficient work environment for developers by removing impediments and fostering communicated work flow.

Duration Mar 2014 – July 2014

Skill gap Analysis system

Technologies used: AngularJS, Spring MVC, hibernate, Jetty, RESTful web services, JSON, Maven.

Description:

A home grown system to identify the gaps in skill set across various teams to facilitate the process of team allocation when a project requirement creeps in.

**Responsibilities:**

- Gathered requirements, designed and generated the code model from UML.
- Used Factory, Singleton patterns in development of the code.
- Developed the persistency logic and business transactions logic using Spring Hibernate.
- Developed the front end and the controller logic using AngularJS MVC.
- Developed the client side validations using Angular Validation support.

Duration: Mar 2014 – July 2014

NetCracker Technology

Questions Collector

Technologies : AWT, Java 5, Window Builder, JDBC.

Description :

The system was made to facilitate question collection from different team working for different products for a product based company. Complex questions which arise at the development and production phases were recorded to assess and certify developer as Subject Matter Expert, (SME) of a particular area. The system can pick question randomly, priority based, from database and generate exams at the runtime. The developers intending to get certified used to appear for SME exams and get certified.

Responsibilities:

- Involved in requirement gathering, design and development.
- Application was used by 2 types of clients, stand alone and web client.
- Followed MVC architecture for creating the application for web module
- Used servlets for controller and hibernate for ORM mappings.
- AWT and windows builder was used to create the stand alone version
- Developed Unit Test cases.
- Maintenance of the application was also a long term responsibility

Duration: Mar 2013 – Jan 2014

New Dispute System (VIVO)

Technology used : Core java, EJB 3.0, Web services

Tools used : Weblogic, Eclipse, Tortoise SVN

This was a client project in which we need to develop some Java web services. Was involved in developing the Business tier. This New Dispute System is used to create and submit a dispute request.

My role was to develop a Dispute Offender java Web service. This will create, retrieve Dispute Offenders. Dispute Offender is created against the dispute requested by the customer.

Responsibilities:

- Involved in design and development of the system
- Created calls to stored procedures using java JDBC API.
- Wrote web services for the implementation using SOAP based API
- Used JAXB for converting xml file to java classes and vice versa.
- Involved in deployment and maintenance of services using weblogic server

Duration: June 2012 – Jan 2014

Manual Pages and Check Disconnect Task (Duke Energy)

Technology used : Core java, EJB

Tools used : Weblogic, Eclipse, Tortoise SVN

Team size : 3

This was a client project in which according to requirements need to have some Manual pages which were used to display any Workflow errors.



The error key will be saved in the table, the value corresponding to that key need to be displayed on the page. Check Disconnect is a Scheduler task which runs periodically and is used to disconnect the product whose end date is populated. Responsibilities:

- Developed different manual pages using Convergys proprietary tool
- Wrote a scheduler task which runs periodically to disconnect the products whose end date is populated.
- Also wrote an API which is used to get the Key from the DB and to get the appropriate value from the DB and to display it on the page.
- Was also involved the Testing support team. Need to provide support for the testing team whenever issue is reported.

Duration: Apr 2011 – May 2012

Broadway Solutions

IQA-1 (Core)

Technologies: Java, Servlets and JSP, JDBC

WebServer: Tomcat

Database: Oracle 9

Role: Associate Developer

Description:

The project is regarding the development of an Internet based Questions and Answers system which caters to multiple user of a closed community, much similar to www.ask.com. Site has access to user who can ask questions based on certain topics and a team of knowledge base responds to these queries.

Responsibilities:

- Involved from the project initiation till deployment and maintenance.
- Developed the user interfaces and Controller logic using servlet and JSP
- Developed the persistency logic in JDBC
- Developed database tables and queries needed for this application

Peel Works

Peel Works is a web application providing Human resources (HR) solutions to help businesses manage their sales teams. The application is targeted at any industry whose businesses' revenue relies on a large sales force and there is a need to connect the sales force with the management so that managers can track the sales activities and can optimize and achieve sales efficiencies.

Employee Recruitment Application

Technologies: Servlets, JSP and JDBC

Web Server: Tomcat

Database: SQL Server

Description: This is of an application that takes care of the entire recruitment process software development company. There are three stakeholders of this system: HR Department, Business unit head & the candidate (aspirant).

Aspirants can apply for a job by visiting the company site & posting their details. Business unit heads of company will fill Employee Requisition Forms (ERF) when they have to recruit new people. The HR department will manually scan through the aspirant list & forward suitable candidates to the respective business unit heads. After conducting the interviews, feedback of each & every interview will be entered by the business unit heads. Details of all the selected candidates will be entered into the system by the HR department.

Responsibilities:

- Developed UI Screens Using HTML, JavaScript, JSP
- Developed the persistency logic in JDBC
- Developed database tables and queries needed for this application