

PRANAV SRIKAR TATA

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Summary:

- Around 10+ years of experience in designing client/server and web based applications using J2EE technologies, object-oriented and Software development life cycle concepts, spring, Struts, Hibernate, JDBC, Servlets, JSP, EJB, JMS, REST, SOAP.
- Experience in deploying the Java applications on AWS and working on different technologies under AWS cloud platform.
- Around 3 years of experience in web development using HTML, CSS, JavaScript, Angular2, Node.js technologies.
- Good understanding of RDBMS through Database Design, writing queries and stored procedures using databases like SQL Server and MySQL, PostgreSQL.
- Good knowledge of working with different No-SQL databases like Amazon DynamoDB, Cassandra and Snowflake.
- Expertise in configuring and administering version control systems like GIT, Subversion.
- Thorough testing experience using tools like Swagger, Hercules, TDM and Apache JMETER.
- Strong Experience with Continuous Integration and Continuous Deployment practices and using CI/CD tools like Jenkins.
- Good understanding of Data Structures and algorithms.

Educational Background:

MS, Computer Science, 3.42/4.0, Missouri University of Science & Technology, Rolla, MO

B.Tech, Computer Science & Engineering, GPA 3.60/4, JNTU, Andhra Pradesh, India.

Professional Experience:

MSR Technologies, Seattle
Software Engineer

March 2025 - December 2025

MSR Technology Group (MTG) is a leader in professional services aiming to solve complex business challenges by combining expert people and innovative thinking.

- Worked on Backend Java and front end angular technologies to build and maintain the existing web application.
- Deploying Java components on AWS and working on AWS cloud technology features like IAM, EC2,S3, cloud watch, ELB, ECS, Lambda etc.
- Maven spring boot upgrades for the microservice components.
- PostgreSQL database complex queries to retrieve the information and PGAdmin tool for connecting to the database and writing queries.

- Worked on sonar coverage for Junit tests, performance and functional testing the components.
- Wrote Junit tests using JUNIT and JMock, Postman for testing Rest web services, Soap UI for testing Soap Web Services.
- Participated in daily agile and scrum meetings.
- Code reviews, CI/CD using jenkins, git for version control.

CapitalOne, Chicago
Technical Lead

March 2024 - Feb 2025

Capital One is a financial organization and the project is under Partner Notifications onboarding different partners like Walmart, Kohls, Basspro, Cabelas, Trade Credit as Capital One Partners.

Responsibilities:

- Worked on SDPV4 upgrade for all the components under partner notifications.
- On boarded Trade Credit to partner notifications with TAN and TPN events.
- Worked on spring upgrade and panswap API call fixes for Walmart partner components.
- Worked on database design for token notifications.
- Worked on registering datasets in one lake and exchange.
- Worked on gen3 prod deploy for components under partner notifications.
- Worked on writing tests to meet 7ps maturity level 1 for commons and specific modules under partner notifications.
- Worked on Kafka a publish-subscribe messaging system by creating topics using consumers and producers to ingest data into the application for spark to process the data and create Kafka topics for application and system logs.
- Worked on Google cloud platform while onboarding new partners to partner notifications.
- Resolving build and deployment issues during CI/CD in Jenkins.

Environment: Java/J2EE, Spring/Spring Boot, Cucumber, Sonar, Maven, REST, Hibernate, Jenkins, 7ps, Hercules, AWS, EC2, ECS, IAM, S3, Postman

Comcast, Virginia
Technical Lead

July 2023 - Feb 2024

Comcast is a TV and internet service provider for customers and Pathfinder is a home-grown application that processes the data necessary to create and maintain activities in Comcast.

Responsibilities:

- Developing APIS using Java/J2EE technologies like Spring/Spring Boot and

Hibernate.

- Deploying Java components on AWS and working on AWS cloud technology features like IAM, EC2,S3, cloud watch, ELB, ECS, Lambda etc.
- Worked on different microservices under our team pathfinders to process and deliver the orders for comcast customers.
- Worked on developing APIs for the existing Xfinity services like flex and newly introduced features like Xfinity XUMO.
- Worked on testing different flows and various scenarios based on the service requested by the customer like internet, HSD, VO_IP, flex devices and validating the combinations requested with Test Data.
- Attend weekly review meetings to discuss the changes needed to be implemented in the existing services and work on implementing the changes in the future iterations.
- Tracking the existing services and fixing the defects using tools like salestech-triage and kibana.
- Implementing jwt security token upgrades on the API-gateway and validating the functionality through postman.
- Querying different SQL and No-SQL databases like Amazon DynamoDB.
- Worked on configuring zookeeper, kafka and logstash cluster for data ingestion and elastic
- Testing the services using unit, functional, integration and performance tests using different tools and code libraries for the same.
- Participate in code reviews using version control tools like git and using the GoCD pipelines for continuous Integration and deployment into pseudo and higher environments.

Environment: Java/J2EE, Spring, AWS, IAM, EC2, S3, ELB,ECS, GoCD pipeline, Amazon DynamoDB, Maven, Gradle

CapitalOne, Virginia
Technical Lead

Jan 2021 - June 2023

Capital One is a financial organization and the project is under Move On Systems related to the CapitalOne Auto Finance Recoveries that deals with Bankruptcy, Total loss, Deficiency Recoveries, Resolution options and Settlements. Following are the daily job duties.

Responsibilities:

- Worked on different areas of our experience like Bankruptcy Softlanding and Identification, Settlements LifeCycle, Herbie Model, Always On Offers, SCRA DMDC process and Titan UI.
- Developing APIS using Java/J2EE technologies like Spring/Spring Boot, Hibernate.
- Deploying Java components on AWS and working on AWS cloud technology features like IAM, EC2,S3, cloud watch, ELB, ECS, Lambda etc.
- Queried different Relational and No-SQL databases like Amazon DynamoDB, PostgreSQL, Cassandra and Snowflake.

- Work on the enterprise wide Cyber initiatives, attend the weekly Review meetings and update the implementation status as representative from Move On Systems.
- Work on Application profile reviews, Unified Tech Exceptions for different Business Applications that belong to our experience.
- Remediating container, infrastructure, SCA, Application Security and other vulnerabilities for the components according to the security guidelines and validating the deployments on Docker and splunk logs for successful execution.
- Upgrading the components to latest software versions on Maven and Gradle to fix vulnerabilities with older versions.
- Worked on Tech Modernization to improve metrics for batch and stream components.
- Worked with third party API vendors like American Infosource on different issues that require coordination with the enterprise wide CTDR and RTE initiatives.
- Creating, implementing and validating the change orders using service now to update different components under AWS in Production.
- Rotating secrets in the Exchange portal and updating the lockbox for components under our experience.
- Implementing jwt security token upgrades on the API-gateway and validating the functionality through postman.
- Worked on the existing stored procedures and validating the incoming and outgoing files, monitor the Jobs in EFG, AROW and AWS and fix any errors during execution.
- Providing on-call support by addressing and remediating the new intake issues.
- Produce and Consume messages for the stream components using SDP, Mercury and Kafka.
- Registering the datasets in One Lake and Exchange.
- Worked on generating Tableau reports using the snowflake data.
- Documenting the functionality of different components under our experience in confluence.
- Resolving build and deployment issues during CI/CD in jenkins.
- Worked on functional testing and performance testing using tools like Hercules, 7PS, TDM and Apache JMeter.

Environment: Java/J2EE, AWS, Spring/Spring Boot, REST, Hibernate,DynamoDB, PostgreSQL, Cassandra, Snowflake, Postman, Hercules, Docker, Splunk 7PS, TDM, Apache JMeter, Maven, Gradle

State of Maryland, Elkridge, Maryland
Full Stack Java Developer

Jan 2018 – Dec 2020

The Department of Human Services (DHS) provides benefits to the economically weaker section of the residents of Maryland. Worked on an Eligibility and Enrollment application which has different modules like Long Term Care (LTC), SNAP, and Cash Assistance etc. which deals with providing benefits to the residents based on their eligibility.

Responsibilities:

- Worked on Back End and Front End developing endpoints in Java and angular for

various services.

- Worked on spring MVC, spring JDBC, spring boot, hibernate, spring data JPA, Angular, HTML, Typescript and other advanced back end and front end technologies.
- Wrote complex queries in PostgreSQL and integrated them with backend API's.
- Worked on writing batch jobs using spring boot and spring batch for data intensive CRUD operations.
- Worked on the Customer Registration process by interfacing with other technologies like OpenAM and Sail point.
- Worked on developing user analytics and email functionalities using Java libraries.
- Worked on fixing security vulnerabilities in the application.
- Worked on improving the performance of the application by optimizing the code.
- Worked on JBoss fuse for integrating with external government interfaces for validations of user data.
- Used Git for version control, Maven for the builds, and Jenkins for CI/CD.
- Wrote Junit tests using JUNIT and JMock, Postman for testing Rest web services, Soap UI for testing Soap Web Services.
- Participated in daily agile and scrum meetings.

Environment: HTML, CSS, Angular 4/5/7, Java 1.8, PostgreSQL, Spring MVC, Spring AOP, Spring JDBC, Spring batch, Spring Boot, Hibernate, JBOSS Fuse, REST, SOAP, AWS, Docker, Jenkins, Git, Qlik, Bit bucket, Source Tree, JAWS, Corticon

**State of California, IBM, Sacramento, California
Software Engineer**

July 2017 – Dec 2017

CA-MMIS is the California Medicaid Management Information system which comes under the Department of Health Services for the state of California. The project deals with keying of treatment authorization request (TAR) also known as KTAR which is used by the employees to manually enter batches of Treatment Authorization Requests received by them into KTAR application which will release them into the main surge database and then the released forms are accepted released or adjudicated.

Responsibilities:

- Handled Modernizing legacy Ktar for health applicants.
- Accomplished implementing logging, security, testing frameworks across the application.
- Initiated implementing APIGEE for web services and documentation for the existing services across the department.
- Worked on adding hibernate model objects and hibernate functionality for adding

different tasks like creating batch, searching batch, creating an inventory report, creating and maintaining users

- Implemented login and logout functionalities for the application and secured the application access using spring security.
- Followed MVC model for the application design with web, service and DAO layers.
- Worked on validation and documentation of filling in the TAR forms and releasing it to surge.
- Used SOAP web services to call the Surge application internal to CA-MMIS to release the TAR forms and for validating the TAR forms.

Environment: Java 1.8, J2EE, Oracle SQL, JavaScript, velocity, log4j, SOAP web services, Windows, tomcat, Hibernate, Spring, Spring Security, Spring JDBC, JUNIT, JMock, Eclipse, FileZilla, putty, git, bitbucket

Garmin International Inc, Olathe, KS
Software Engineer

Aug 2016-June 2017

Garmin Connect is a fitness application for all the Garmin wearables to help their customers track their fitness for various physical activities including walking, swimming, running, cycling, hiking, golf etc. It provides various services like fitness tracking, sleep tracking, activity tracking, GPS navigation, heart rate tracking among many others. Garmin Connect is being upgraded from old legacy applications to modern applications using the latest Java frameworks.

Responsibilities:

- Implemented microservices architectures like event driven architecture, polyglot persistence, developing cloud native applications, implementing API gateway, Inter process communication using RabbitMQ, using Spring cloud for service discovery, using continuous Integration and continuous delivery best practices, making services highly available, containerizing microservices application etc.
- spearheaded integration of elasticsearch and HBase for microservices part of the Activity tracking modules of the application.
- Outlined implementing google maps and open street maps for endpoints for the courses module which use the location data.
- Wrote complex SQL queries in the persistence layer to communicate with oracle databases.
- Used crucible for creating code reviews.
- worked on testing, logging and security modules across the application.

Environment: Java, J2EE, SQL, AWS, Backbone JS, Node.js, HTML, CSS, JavaScript, MAC OS, IntelliJ Idea, Hystrix, Netflix OSS, RabbitMQ, Docker, Kubernetes, REST, SOAP, JSON,XML, DHC Rest Client, Postman, JBOSS, Tomcat, spring integration, spring boot, spring batch, Spring JDBC, Hibernate, Splunk, JIRA, SVN, Mockito, Easymock, OAUTH, JUNIT, JAXB, SVN, Git, Bit bucket, Jenkins, Maven,Oracle SQL Developer,Slf4j, Rundeck, jersey, Enunciate, EJB,

IT Grok, Apache JMeter, Elastic search, Memcached, AppDynamics, Kibana, Ehcache, Hadoop, HBase, AWS, Google Guice, TDD, H2 database

Professional Experience:

**Wells Fargo, Minneapolis, MN
Full Stack Developer**

Aug 2015 to July 2016

This application is a Fraud Manager Application which is used to provide security features to Wells Fargo clients by preventing check frauds by providing services such as ARP, IPP (positive pay), ACH, and RVP. The application used to exist as four different services and the current project deals with integrating them using the latest language features like REST API. The positive pay services allow the customers to upload the images of checks so that the client can check the transactions so that any counterfeits can be detected and returned while those proper can be paid. In case of ACH transactions there is a feature called ACH pre authorization in which you can mark transactions which need to be paid without any authentication, other transactions pass through ACH fraud filter so that there is no fake transaction. There is a reporting service in which you can view different reports like transaction reports, ACH pay/return reports etc. in HTML/Excel formats.

Responsibilities:

- The application has two parts FMS and FM. FMS is fraud manager services containing the back end services and Fraud manager contains the front end.
- Involved in the development of Rest Web Services and SOAP Web Services for achieving the desired functionality in the application and communication with other applications.
- Used dependency injection and Inversion of control features of spring framework extensively.
- Worked on the reporting services so that they can be displayed in both HTML/Excel formats in the Fraud Manager app.
- Developed Report service using apache POI to handle the data received as JSON and convert it into bytes so that excel reports can be created.
- Used Anthill pro for continuous integration to deploy the application to DEV, SIT and UAT environments.
- Worked on a logging module-using Log4J to create log files to debug as well as trace applications.
- Used test driven development and wrote unit tests for all the methods and ran test cases for all the code and performed clean up and refactoring of the old legacy code which is converted to modern.
- Experience in using various technologies of the java ecosystem in the project like Joda time, Quartz, Google GSON, apache poi, Google Guice, apache camel, maven surefire, and apache poi, Xpath, XQuery, and XSLT etc.

Environment: Java, J2EE, SQL, Angular JS, node JS, AJAX, HTML, CSS, JavaScript, YUI, Wria, JSP, JSTL, JMS, XML, REST, JSON, SOAP, SOAPUI, My eclipse for Spring, Spring MVC, Spring Web Services, Apache camel, Apache CXF, Spring JDBC, Spring AOP, Spring Security,

WebLogic, JIRA, ALM, SonarQube, JUNIT, Apache POI, JAXB, SVN, AnthillPro, PAC 2000, Maven, SQL Developer, Log4j, TDD, WinSCP

Additional Resources

<https://github.com/pranavjava91>

<https://www.linkedin.com/in/pranav-srikar-tata>

<https://leetcode.com/u/pranav1991/>

