NAGESWARAN MUTHUSUBRAMANIYAN

FULL STACK JAVA DEVELOPER

Location: Cincinnati, OH, USA | **Phone**: +1 (513) 405 8784 | **Email**: mnageswaran7@gmail.com

*"**Oracle Certified Java developer** and **AWS Certified Solution Architect** with six (6) plus years of experience with proven expertise in object-oriented analysis and design and exceptional record overseeing all facets of Software Development Life Cycle, from analysis and design to implementation and maintenance"*

TECHNICAL SKILLS

Programming languages	Java, SQL, Unix shell Script, JavaScript,
Frameworks	Spring, Spring boot, Hibernate, Angular
SOA Technologies	SOAP, Restful, Messaging Queues (MQ)
Web Technologies	J2EE, Servlets, JSP, JavaScript, AJAX, XML, HTML, CSS, JQuery
Mobile Technologies	Apache Cordova, Phonegap, Android SDK
Cloud Technologies	Amazon Web Services (AWS) solution Architect – Certified, PCF
Containerization	Docker, Docker swarm, Kubernetes
Testing Technologies	SoapUI, JUnit, TestNG, Selenium
Web Servers	IBM WAS, IBM Liberty, Apache tomcat
Databases/Cache	Oracle, MySQL, Sql Server, Apache Solr, DB2, Netezza, Neo4j, Cassandra
Project Management	BitBucket, GIT, Jira, Putty, Maven, Bamboo, Team City Service Now
Other Tools	Eclipse, IBM RAD, Android Studio, Visual Studio, MS Office, AION Rule Er gine, Xcode
Domain Skills	US HealthCare, Manufacturing (After Sales – Claims and Warranty), Retail (Customer Experience)
Software Methodology	Agile Methodology, Waterfall

PROFESSIONAL EXPERIENCE

Deloitte Consulting LLP | Cincinnati, OH, USA   *Oct 2019 - Present*
Consultant
- Lead and participate in the design, development and deployment of client/server, multi-tier Java based applications, applications deployed on PCF cloud.
- Work alongside Managers, Product Owners and other stakeholders, on requirements gathering and analysis, effort estimate, resource allocation, development and defect tracking., leveraging project management tools such as JIRA.
- Interact with the client to understand Business needs and design and development in accordance with the business requirements, as part of Business enhancements or defect fixes.
- Coordinate with the offshore to analyze and work on the enhancements/defects in Agile development environment.

Jan 2018 – Oct 2019

Deloitte Consulting LLP | Bengaluru, India

Consultant
Developed and delivered high-end framework and applications to a diverse client base by utilizing wide-ranging technologies and frameworks.
- Working on Providing solutions, designing framework for rewriting the Provider finder application.
- Coordinate and work on analysis, design and development for migrations and modernizations effort of applications from legacy platforms to Cloud AWS platform.
- Gathering/ Analyzing requirements and converting requirements into technical Solutions
- Involved in testing and fixing issues during test cycles.
- Developed a complete end to end Automated Selenium Testing framework for UI testing

Deloitte Consulting LLP | Bengaluru, India
Business Technology Analyst

June 2016 – Jan 2018

- Developed UI Automation Testing Framework using Selenium and other tools for UI Automation testing.
- Providing Peer member development training, Active Participation in client calls.
- Automated Test suite creation to Validate the end to end ETL process across multiple layers.

Tata Consultancy Services | Mumbai, India   *Oct 2013 – Jun 2016*
System Engineer
Developing maintainable and extensible code in a team environment for Web Based Applications using Java Servlets and Related Frameworks.
- Developing Unix Scripts and Java Batch process optimization for Complex batch operation.
- Performance Optimization of legacy Applications and improving user experience.
- Completed 3 months training on Java development under TCS AILP program.

NOTABLE PROJECTS

Modernizing Customer Support Tools, Retail Client | Deloitte Consulting

Role: Technical Lead | Duration: 11 months (Current Project) | Technologies: Angular js, Java, Spring boot, Spring data JPA, Spring Cloud, REST services, PCF, Cassandra database
Working on Business-critical web Applications used by Store Managers and the call center team for customer support.
  • Worked on Modernizing the Application from a Spring MVC based architecture to microservices based architecture. The existing SQL based databases are moved to NoSQL database.
  • Work with project management to plan, kick-off, and lead projects
  • Develop and maintains a productive working relationship with project sponsors, internal clients, vendors, and other key stakeholders
  • Work alongside Business, Product Owners and other stakeholders, on requirements gathering, planning in an OKR goal setting methodology, estimates of work efforts, analysis/design, development and defect tracking., leveraging project management tools such as JIRA, in an agile environment.

Re-platforming Provider Finder web application, Healthcare Client | Deloitte Consulting

Role: Backend Developer | Duration: 1 Year | Technologies: Java, Spring boot, Spring data JPA. REST services, AWS Services/Deployment

Provider Finder is an end user Web Application which helps the end users to Search for Providers based on a variety of Search criteria. As part of the Optimization process, the entire application was Re-platformed from SOAP Webservices to REST webservice and moved to AWS Cloud environment.
  • Started the application re-platform from scratch using Spring boot, Data JPA and other technologies.
  • Coordinate and work on analysis, design and development for migrations and modernizations effort of applications from legacy platforms to Cloud.
  • Core tools and technologies involved in the development includes Java, Spring framework, Oracle SQL, Cassandra (NoSQL) DBs, AWS services, Docker, GIT.
  • Involved in creating the Bitbucket and Bamboo plans for CI & CD process.
  • Involved in developing the backend REST services which provides the search results to be displayed in the UI.
  • Involved in rewriting the entire services code from SOAP to REST Services using Spring boot, Spring Data JPA, Swagger and other technologies.
  • Optimize the database searches and the DB performance (Solr DB) to provide fast and accurate search Results.
  • Active Participation in Agile PI planning and all the daily and weekly Scrum ceremony calls.

Enterprise Provider Application, Healthcare client | Deloitte Consulting

Role: Java Developer | Duration: 6 months | Technologies: Java, JSF, Hibernate, Spring

EPDSV2 is a business Application which the business users use to create and Provider data into the System. This data will be used as Source of Truth for other downstream Systems.
  • Analyzing Requirements and convert requirements into technical software solutions.
  • Unit Testing, Refactoring of code & Optimization.
  • Responsible for performing project planning, create HLDs and TDDs and provide estimates for all the tasks.
  • Creating POC and finding faster, feasible technical solution.

Enterprise Provider Application, Healthcare Inc | Deloitte Consulting

Role: Automation Testing | Duration: 1.5 year | Technologies: Java, Spring, Selenium 3, Cucumber, TestNg, Apache POI

EPDSV2 is a business Application which the business users use to create and Provider data into the System. This data will be used as Source of Truth for other downstream Systems.

  • Developed a complete Automated Selenium Testing framework for UI testing.
  • Developed a Complete Automated Framework to test end -to -end data flow across Various layers in the Application.
  • Automation Framework can validate data across different Database layers, File Systems and generate a consolidated Test results.

- Developed an UI based Automation tool to fetch, validate and export data from the Delimited/Fixed width files present on the Unix box. The tool is completely automated and does not require any knowledge of any Unix commands.

Vendor Log Application | Anthem Inc.

Role: Java Developer | Duration: 8 months | Technologies: Java, Spring Boot, Hibernate, jQuery, Angular Js, SQL Server,

Vendor Log Application is used by the Managers, Leads and PMO teams to manage Resources bandwidth and Allocations and other data related to Project resources.IT also shows intuitive charts to show real time information.

- Designed the entire database schema and table structure for the Application in the My Sql server.
- Designed and developed the UI page and the backend rest services for the Dashboard page with Graphs using Fusi0n charts framework and project View pages.
- Gather Requirements for business, analyze and convert requirements into technical software solutions.
- Performed Unit testing and fixed the SIT defects and deployed the Application in the remote server.

Informatility Mobile Application | Deloitte.

Role: Mobile Application Developer | Duration: 6 Months | Technologies: Android SDK, Apache cordova, Phonegap

Informatility is a Mobile Application through which the user can login to any ETL server and execute Workflows and Tasks in the ETL server. The Application takes the URL and other server details dynamically. It also allows to configure favorite tasks and run as required.

- Designed and Developed the Mobile Application UI using Android SDK and Apache Cordova.
- Used Shared Preferences and SQL Lite Mobile database to store user details.
- Implemented Custom UI using jQuery and Bootstrap Mobile to select tasks and display the ETL workflow results.

DIPAP Application | Automobile - Manufacturing | Tata Consultancy Services.
Role: Java Developer | Duration: 10 Months | Technologies: Java, JSP, Servlets, Java Applets, Javascript

DIPAP is an end user Web Application which is used by the US FCA Car dealers to submit images of the repairs they performed on the FCA Vehicles and to get approval for the Claims.

- The DIPAP Application was initially built on JAVA Applets to upload images to the Server. Rewritten the entire Application to use Java File IO to upload file to servers and remove the Java dependency in the Client Machines.
- Introduced Various changes in the Application to improve the Performance the Usability of the Application.

Warranty Information System Batch Process | Automobile - Manufacturing | Tata Consultancy Services.
Role: Java Developer | Duration: 8 Months | Technologies: Java, JSP, Servlets, Unix Script, Cron Job

Warranty Information System (WIS) is an Intelligent Reporting System which is used by the FCA business to generate reports and rank the Suppliers based on the Warranty Information. This System received data from Multiple Upstream Systems monthly.

- Involved in the Optimization of the MIS (Months in Service) batch process which is used to load the data to the WIS system.
- Optimized the code using various Java changes and the batch Processing time was reduced to 4 days from 20 days.
- Automated the MIS batch process using Cron job to run the various batch scripts Automatically without any Manual Intervention.

Fiat and Chrysler Merger Process | Automobile - Manufacturing | Tata Consultancy Services.
Role: Java Developer | Duration: 6 Months | Technologies: Java, JSP, Servlets, REST Services, Spring, Hibernate

The Fiat and Chrysler Automobiles merged to form the FCA Automobiles and expanded the Business across the globe. There were different warranty and Claims Processing System for Fiat and Chrysler before the Merger.
- Involved in the IT support for the Merger of the Fiat and the Chrysler Automobile System.
- Involved in the development of REST web services to share the data between the Fiat and Chrysler IT Systems for Claims processing and other business requirement.

EDUCATION

Bachelor of Technology, Information Technology | **CGPA: 8.02**   *Graduation Date: Mar 2013*
Sai Ram Institute of Technology, Anna University, Chennai

Higher Secondary, *DAV Mat. Hr. Sec. School, Chennai | 92.5%*   *Year: 2009*

CERTIFICATIONS

- Oracle Certified Professional, Java SE 6 Programmer
- AWS Certified Solution Architect

TRAININGS

- Deloitte Training in RPA tool – Blue Prism.
- Trained in Mainframe – Cobol Programming, VSAM file handling, JCL jobs, IMS database, REX tool
- Tata Consultancy Freshers Training – AILP Program - 3 months extensive training on Java and web development
- Deloitte's Level-1 Industry proficiency certification training on Life Science and Health Care Industry.

ACHIEVEMENTS

- Received the "Applause" award from Deloitte for building the Testing Automation Framework for end to end Data Validation in the V2 Application.
- Received Multiple spot awards from Deloitte for my contribution to the Team.

PERSONAL INFORMATION

Date of Birth	7th June 1992
Gender	Male
Nationality	Indian
Languages	English, Hindi, Tamil