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| Summary |
| * 12+ years hands on experience in IT industry, worked in all phases of software development life cycle from requirements gathering to the production and successfully implemented several projects with responsibilities as developer at different locations. * Experience with container-based deployments using Docker, working with Docker images, Docker hub and Docker registries. * Designing, implementing, and maintaining Java-based software and applications, contributing to all stages of the software development lifecycle. * Experience in Microservices Architecture with Spring Boot and Docker. * Developed Single page applications and dynamic single page applications using Angular 6 and 7 and 8. * Strong analytical skills with ability to quickly understand client’s business needs. * Hands on experience in Continuous Integration tools like Jenkins, GIT, Artifactory, Sonar and Fortify. * Team player with experience working on teams of various sizes, spread across different geographical regions and time zones, Quick learner, Self - Motivated and solving complex issues. * Experience in Configuration of CI/CD to automate the build and deployment process using Jenkins pipelines. * Expertise in designing and developing applications using Java, J2EE Technologies like Servlets, JSP, EJB, MQ Series, JDBC, XML, JMS, AJAX, and web services. * Worked on creating efficient design and developing User Interaction screens using HTML, CSS3, Bootstrap, JavaScript, Typescript, Angular 7 and Node JS. * Experience with various frameworks like Struts, spring, spring Boot. * Experience in Supporting the source code repository tools GIT, GitHub, ClearCase, Subversion, Bit Bucket. * Unit testing with Junit and mocking frameworks Mockito and Power mock. * Experience in working on Agile projects for Managing/tracking defects status by using ServiceNow, JIRA tools and planning and resolving the issues as per SLA. * Excellent knowledge in databases DB2, MySQL, PostgreSQL,H2, HQL and Oracle and Liqui base. * Experience in writing test-cases in Java environment using Junit, Mockito and Power mock. * Sequence, class and database diagrams are made using the UML design tool. * Experience in AWS platform and its dimensions of scalability including (S3 / EC2 / ECS / Lambda/IAM/RDS), Networking (VPC, Route53) management Tool (CloudWatch). |
| Education and Training |
| * Master of Computer Application (MCA) 2006. PRR College of Computer Science, Osmania University, Hyderabad, India. * Bachelor of Computer Science BSC) 2003. St. Pious X Degree College for women, Osmania University, Hyderabad, India |
| Linked In : <https://www.linkedin.com/in/swathi-guthula>  Fidelity Investments. Nov 2021 to Current  Sr Software Engineer  Fidelity Investments operates a brokerage firm, manages a large family of mutual funds, provides fund distribution and investment advice, retirement services, ...   * Participated in Monthly Production Installs and quarterly Installs validated and verified all tech stories and business validations. * Implemented new web services to improve functionality and added new Api’s to avoid manual work to update DB * Designed and developed asynchronous RESTful api’s using Spring boot and Spring JPA. * Developed unit testcases using Mockito framework for test accuracy of code. * Implemented all api’s using spring MVC,IOC,AOP and spring JDBC. * Worked on migrating java applications from 1.8 to java 11 * Supported complete backend workflow of trade management process with business team. * Experience in CI and CD with Jenkins, implemented automation of new builds and framework using Jenkins & Maven as build frameworks * Prepared release document with the stories and Incidents tickets going for the particular release. * Worked on sending /Receiving JMS messages through service bus explorer to the DLQ subscriptions. * Updated JMeter scripts to run messages to update DB. * Worked on backing up database and recovery with PostgreSQL. * Worked on Unit testing with Junit to make sure the application passes the sonar check. * Integration on AWS with other applications infrastructure, AWS s3 used for storing the customer’s monthly statements. * Worked on SQL scripts for adding queries for new API’s implemented * AWS EC2 and Cloud watch services. CI/CD pipeline management through Jenkins. Automation of manual. * Worked on angular enhancements and defect fixes. * Developed application using industry standard design patterns like singleton, business delegate and factory design pattern for re-usability . * Worked on test driven development using cucumber and developed features, scenario’s and step definitions. * Involved in SPS grant load process till approvals and tax payment and settlement. * Introduced cancellation process after business cut of period and resume process after next day . * Involved in trade order creation and process to completion process * Used Kubernates to orchestrate the deployment, scaling and management of docker containers. * Involved in migrating API’s to cloud platform and run end to end testing through Postman UI and verified the logs. * Co-ordination with external team members and other stake holders to understand the impact of complete release work and with comfort. * Involved in Production support Incident tickets analyzing and fixing defects, Implemented loggers to debug production INC tickets .   United Health Group (Optum). April 2021 to Nov 2021  Application Developer   * The project is claims and referrals in Optum for API modernization, adding the API gateway layer to existing Rest API’s using Graph QL framework. Migrating the legacy applications to newer version of spring Boot and Gradle . * Developed the feature using Graph QL, Netflix Framework. * Created swagger document using swagger editor for the rest Api’s I worked. * Working on creating configurations using PAM Vault secrets for applications. * Designed developed and deployed application on OpenShift, worked on creating pipeline and created clusters as per the environments. * Worked on creating token generation for authentication. * Actively involved in all phases of application like requirement analysis, designing develop and testing. * Used amazon cloud watch to monitor AWS services and amazon cloud watch logs to monitor application. * Added the API internal gateway to existing Api’s . * Used amazon Ec2 for deploying and testing the lower environments like Dev,Int,Sit. * Migrated existing legacy application to Spring Version to 2.3.7 and Gradle 6.7 * Worked on writing testcases in Spock using groovy script. * Used rally dashboard for project task and agile stories.   VERIZON Communications Inc. Dec 2019 to March 2021  Application Developer  CAMEO- Consolidated Access Management & Enterprise Optimization  Address Validation-The Address Validation webservice is an application that is core to Verizon business system. This webservice provides functionality for address validation, searching, sorting, and maintenance of address.   * Performed Analysis and designed document for integration project. * Integrated address validation Api’s to Locus Api(New application). * Designed and developed Micro Services business components using Spring Boot. * Involved in production deployment in monthly releases. * Involved in AWS migration project. * Implemented AWS solutions using E2C, S3, RDS, EBS, Elastic Load Balancer and Auto scaling groups. * Used GIT to maintain the version of the files and took the responsibility to do the code merges and creating new branch when new feature implementation starts and Monitored Splunk logs in production. * Designed and developed the GUI screens using GWT Tool. * Worked on a SQL database (like Postgres) and noSQL (DynamoDB). * Created git repos and Jenkins jobs for the build and deployment of Microservices in Docker Container. * Created script to build and push docker images in Docker Hub and Created Docker file for building Docker Images. * Used amazon cloud watch to monitor application health check alerts and logs. * Created docker-Compose.Yaml file templates to deploy images in docker containers managed by Docker Swarm. * Created User Controls and simple animations using Java Script and Python. * Created a fully Automated Build and Deployment Platform and coordinating code builds, promotions and orchestrated deployments using Jenkins and GIT. * Constructed and demonstrated a continuous integration/continuous delivery (CICD) software delivery pipeline using RTC SCM and build integrated with IBM UCD across Linux, environments.   USDA May 2019 to Dec 2019  Application Developer   * Worked on POC for implementing antivirus API and used Clam AV antivirus API in application to prevent the virus in file upload. * Upgraded MS SQL Server 2014 to 2017 in application Fixed the null pointer issues in Splunk logs thru application. * Performance testing of application with JMeter scripts. * Worked on Angular JS enhancements and defect fixes. * Created res-usable components and custom modules custom directives pipes and filters. * Responsible for creating efficient design and developing User Interaction screens using HTML, CSS3, Bootstrap, JavaScript, Typescript, Angular 7 and Node JS. * Enhanced application performance by Angular 4 Component based development in view of future Angular framework transitions. * Upgraded spring-based project to Spring boot, fixing sonar cube finding issues before the Jenkins build. * Worked on creating Git branches and merging with develop code. * Setup the continuous Integration (CI) and continuous Deployment (CD) process for the application using the Jenkins. * Worked on Spring Frameworks Spring IOC, Spring Boot, Spring Cloud) and using third party libraries. * Worked in Container-based deployments using Docker, working with Docker images, Docker hub and Docker registries, installation and configuring Kubernetes and clustering them. * Responsible for building out and improving the reliability and performance of cloud applications and Cloud infrastructure deployed on Amazon Web Services. * Developed & Supported tools for integration, automated testing & Release. * Resolved the issue for web browser autocomplete off in angular forms in application level to avoid security vulnerabilities.   Freddie Mac, Maclean VA May 2018 to April 2019  Sr Java Developer  CUSIP Recon Report Component - The purpose of this reconciliation is to compare prior month’s issuance and payment activity, versus actual received CUSIPS count in the current month from CSS security position reporting transmission for all Single and Multi-Class securities in Release 2.   * Designed and developed CUSIP Recon Report through XML generation with JAXB xml parsing using maven and spring Boot framework Generated JAXB java classes using XSD file. * Worked on Db2 database for updating tables and retrieving data from database queries. * Responsible in Branching, tagging and maintaining the version across the environments using SCM tools like GIT, Subversion (SVN) on Linux and Windows platforms. * Responsible for creating Jenkins Jobs and setup Global permissions and scheduling jobs in pole SCM. * Extensively worked on Jenkins CI/CD pipeline for code deployment by engaging different tools (Git, Jenkins, Code Pipeline) in the process right from developer code check-in to Production deployment. * Used My batis ORM tool for mapping of tables with spring boot framework. * Worked on Jenkins build deployments and tag creation. * Worked on new Date APi ,XML Gregorian Calendar in java 8 Generated Xml Report with JAXB xml converter. * Unit testing using Junit Makito framework and checking the code coverage in sonar scan. * Used Freddie Mac Calendar service to get the business days in reporting project. * Worked on Db2 select Queries in repository classes. * Worked with Behavior Driven Development process and Test-Driven Development (TDD). * Implemented profiling for Development and sit and UAT environment. * Worked on sonar scan plugins in maven build to test coverage in Jenkins. * Used Ansible Playbooks to setup Continuous Delivery Pipeline. Deployed microservices, including provisioning AWS environments using Ansible Playbooks. * Worked on Jenkins Shared Libraries for NTAD(No Touch Application Deployment) Application to adapt these libraries in Pipeline stages like Service Now change ticket updates or Email Notifications.   Department of Health and Human Services, Bethesda, M.D AUG 2017 to MAY 2018  Java Developer   * Created Rest API methods to produce the PMS data by other departments and tested using postman Rest Client and Junit testing. * XML messages are used to communicate between web services that are written using SOAP and WSDL. * Implemented the web services project which can be used for soap web services and restful web services project can get response in Jason using rest and XML using soap request. * Generated java classes and request response methods by using XSD ‘s. * Worked on soap messages to retrieve the data from the sam.gov data * Used Hibernate for getting data from the database Worked on MySQL schema-based queries. * Implemented Spring JPA in Spring boot application and generated Hibernate entity classes .   Bureau of Labor Statistics, Washington, D.C AUG 2015 to AUG 2017  Software engineer 3   * Plans, coordinates and conducts the development of highly complex QUEST system to meet customer requirements. * Responsible for instructing, directing and monitoring lower level developers and is responsible for project progress and results. * Regulates the change process so that only approved and validated changes are incorporated into QUEST system. * Technologies: Java, Angular JS, Spring Boot Framework, Oracle, web logic server. * Developed front-end code with Ajax call in AngularJS and jQuery to retrieve data as JSON Object from controllers in back-end RESTful Server, then display the well-organized result in web pages by writing AngularJS controller, directives, services, and route providers. * Used Angular.js filter to make the data searchable and sortable. * Created the partial view HTML for the Angular JS dynamic UI generation. * Worked on Rest API methods in java and tested using Junit and integration testing and Spring Batch Job Process. * Testing the angular JS controllers and services, entities, application using Jasmin testing. * Implementing angular Ag-grid feature in front end using AngularJS. Developed html views with HTML5, CSS3, bootstrap and AngularJS   CITI Group New York City, NY Jan 2015 to July 2015  Application Developer   * Gathered & analyzed requirements from the customer and written requirements, technical and design specifications. * Developed Controller for request, response paradigm by Spring Controllers using Spring-mvc. * Configured the URL mappings and bean classes using Springapp-servlet.xml. * Developed applications using Hibernate persistent framework, developed persistent classes, Hibernate-mapping files.hbm.xml file, hibernate query language * Worked heavily on Flex Advanced DATA GRID and data driven flex Components. * Hands on experience in deployment of J2EE applications on WebSphere Application Servers (WAS). * Production support contact – to analyze, debug and investigate on problems reported by users * Code reviews (standards, performance tuning, re factoring, re-usability)   J. P. Morgan Chase, Morristown, NJ Aug’ 11 to Jun’ 12  Sr. Application Developer   * Developed and deployed the applications with huge customer base of more than a million users. * Involved in developing web application with Full Software Development Life Cycle (SDLC) from design to deployment using agile methodologies. * Designed Graphical User Interface (GUI) for various Webpages using AJAX, HTML, CSS and JavaScript. * Developed Flex Charting components like bar charts, column charts to show the project specific performance. * Extensively used IBM WebSphere Portal for authentication and personalization features * Created different batch programs to clean up tables in DB2 database. * Developed the Web Based Rich Internet Application (RIA) using Adobe Flex .     Morgan Stanley, New York, NY March ’2010– Aug ’11  Application Developer   Designed and added new functionality extended existing application using J2EE, XML, Ajax, Servlets, JSP.  * Worked on UNIX shell scripting to run the JAR file created for batch program. * Client-side validations are done using JavaScript and server-side validations are done using Struts validator framework. * Data was converted into JSON using JSP tags Written JQuery validations for the User Front-ends Wrote complex SQL statements to retrieve data from the DB2 database.. * Created advanced Flex components adhering to the Flex Component Life cycle. * Generated PDF reports using ECF, iText, Jasper Reports using Ireports Tool. * Designed extensive addition to existing Java Web Application using SOA. * Layout and design the overall architecture and migration approaches using Oracle ADF.   CITI Group INDIA Aug’ 08- March ‘2010  Application Developer   * Created detail design documents which has the UML Design diagrams, table information, object model etc which are required for the developer. * Designed Graphical User Interface (GUI) for various webpage’s using AJAX, HTML, CSS and JavaScript. * Developed Flex Charting components like bar charts, column charts to show the project specific performance. * Implemented Different Design patterns like singleton, factory and J2EE design patterns like Business delegate, session facade, Value object and DAO design patterns. * Used Spring Framework’s IOC Dependency Injection to inject Service Object using Service Locator Design Pattern into Action Classes. * Extensively worked on Spring Bean wiring, Spring DAO and Spring AOP modules. * Used Java Persistence API (JPA) and Hibernate for performing the Database Transactions. |
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