**MEENAKSHI CHOUHAN**

JAVA Full Stack Developer

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Professional Summary:

I have over 4 + years of experience as a java full stack developer in the IT industry. Extensively experienced in software design and development and implementation and testing of projects, building web applications and mobile applications.

* Experience in working in environments using Agile methodologies.
* Working knowledge in multi – tiered distributed environment, SDLC.
* Extensive working knowledge in Core Java.
* Ability to efficiently translate ideas, algorithms, and concepts to software applications.
* Experience in creating Test Plans, writing, and executing Test Cases, Manual Testing, and automated Test Execution.
* Proficiency in developing Model View Controller (MVC) architecture-based applications using Spring Frameworks.
* Sound experience in using build tools ANT, Maven and Gradle.
* Built the application using Maven and used Jenkins for continuous build integration.
* Possess a strong working knowledge of Database Programming using SQL, PL/SQL, Triggers and Stored Procedures.
* Expertise in using Development Tools like Eclipse and NetBeans.
* Experience of relational database management systems (RDBMS) like SQL Server Proficiency in IDEs such as Eclipse, IntelliJ, Sublime Text, Notepad ++, and Visual Studio code etc.
* Good team player with excellent communication skills and highly motivated analytical problem solver and troubleshooter with more attention
* Ability to learn and adapt to emerging technologies and implement them in the current projects
* Provided production support for the application and coordinated with cross functional teams.
* Worked on multithreading to perform many operations together so it saves time and reduce the communication cost.
* Involved in development and maintenance of IOS and android applications.
* Experience in analysis, design, development, implementation, and testing. Specialize in developing applications for Android and iOS platforms with rich and intuitive GUI. Solid background of computer science and practical programming skills.
* Developed HTML5 Mobile application with HTML5, Java Script, jQuery, JSON and RESTful web service. Implemented AWS solution using EC2- Elastic cloud computing, S3, Dynamo DB, EBS and auto scaling groups
* Used JSON and jQuery for Mobile application development.
* Used Git and Bitbucket for version control and source code management

Skills:

Programming Languages: Java, Swift, SQL

Scripting language: XML, XHTML, CSS, JavaScript, Jquery, JSON, Angular 2.0, NodeJS, ReactJS

Tools: JUnit, Power BI, Postman.

Frameworks: Struts, Spring and Hibernate

Web Services: SOAP, RESTful Web services, AWS.

Databases: Oracle 11g, MySQL, MongoDB.

Version control: Git, IBM - RTC, Bitbucket

IDE Tools: Eclipse, Netbeans, Xcode

Business modelling: UML, Rational Rose

Work Experience:

Persistent Systems, India March 2017- November 2020

Role: Full Stack – Software Developer II

Description: Persistent Systems is an Indian multinational technology services company which was incorporated on 16 May 1990. I worked on a product IBM Tivoli Monitoring product that monitor the performance and availability of distributed operating systems and applications. These products are based on a set of common service components, referred to collectively as Tivoli Management Services. Tivoli Management Services components provide security, data transfer and storage, notification mechanisms, user interface presentation, and communication services in an agent-server-client architecture.

Responsibilities:

* Designed and developed monitoring agent for internet services as a part of IBM Tivoli monitoring system. Internet Service Monitoring offers to determine whether a particular service is performing adequately, identify problem areas and report service performance measured
* Redesigned, refactored, and developed architecture to be scalable and performance
* Migration of agent from 32-bit to 64-bit architecture and redesigned and enhanced the architecture for the monitoring agent.
* Designed and developed an Enterprise portal which acts as a repository for all graphical presentations of monitoring data, presentation layer, which allows for the retrieval, manipulation, analysis, and reformatting of data.
* The application monitored network services like HTML, DHCP, SMTP, DCP, FTTP and 24 other web and network services. It emulated real time action of an end user of the services and monitored these services for their performance in terms of response time and various other attributes.
* Used Springboot for developing the Restful Microservices in JSON format and deployed in the AWS Cloud.
* As a Developer in Java, was involved in functional discussions and prepared detailed design documents for various modules of the application related to Project and its scope.
* Used spring JDBC at DAO layer to work with backend oracle database.
* Participated in Developing, Implementation and integration by using restful services using spring boot
* Used Groovy scripts for DevOps CI/CD pipeline builds, and actively involved in the entire Pipeline setups and Jenkins configurations.
* Implemented Persistence layer by using Hibernate to interact with the Oracle database with Hibernate Framework for ORM.
* Developed the presentation layer Spring Framework and created config.xml file, resource bundles for distribution module
* Implemented Swing Frames in developing user interfaces
* Experience with relational databases and/or NoSQL databases (DynamoDB, CosmosDB, Mongo)
* Configured and deployed web application on Apache Tomcat Application Server
* Created Rest Endpoints points using spring boot annotations and consumed the rest endpoints using single page responsive application from front end.
* Experience in developing the responsive UI by using HTML5, CSS3, Angular 4 and Bootstrap.
* Participated in creating interfaces for managing user portability and Bulk update of Attributes by using Angular JS, Node JS and JQUERY.
* Developed client request validations and processing using Angular JavaScript and HTML and SOAP.
* Used Spring boot for developing the Restful Microservices in JSON format and deployed in the AWS Cloud.
* Involved in CSS layouts, Positions, Padding, Pseudo Classes, Box Modeling, and Media queries
* Used Eclipse/STS as IDE tool, configuring and deploying the application into WebLogic application server using Maven build commands in automating the build process and deployment process.
* Wrote and tested regression test cases for new functionalities developed for release.
* Involved in code reviews to make sure the best coding standards and java best practices are used before placing the code in version control.
* Created SQL queries, Functions for Persistence layer, PL/SQL Stored Procedures, required business objects and validating with Stored Procedures using Oracle and JPA with the Hibernate provider
* Used metrics visualization tools like Grafana.
* Also, used Servlets to generate dynamic pages with session management.
* Developed controllers, repositories, Service modules, form beans, and validations.
* Involved in connecting bean with the database using Hibernate configuration file.
* Migrated metadata from web app to Docker container.
* Setting up Jenkins and Docker based builds in AWS
* Involved in using Data Structures such as Queue, Linked lists, and Sorting Algorithms.
* Designed application components using Java Collections & provided concurrent database access using multithreading.
* Worked on Kafka server to interact with the APIs and analyze the response.
* Launching Amazon EC2 Cloud Instances using Amazon Web Services and configuring launched instances with respect to specific applications.
* Implemented Amazon RDS to manage backups, software patching, automatic failure detection, and recovery.
* Used Redux with React.js in application to retrieve and store data (product list, cart list, and customer information) from NoSQL MongoDB and to perform RESTFUL services
* Designed multiple pages with different functions using React.js and used React-Router to navigate these pages (Product list page, Product details page, Product creation and edit pages, customer cart page and customer login page) with user-friendly flow when switching.
* Performed standard administration tasks in a variety of MySQL environments: upgrades, deployments, disaster recovery configuration

Environment: Java, SOAP, Angular JS, MVC pattern, Spring Core, Hibernate, SOAP Web Services, SOAP UI, jQuery, jQuery UI, Java Script, JSON, AWS, AngularJS, Micro Services, Spring Boot, Eclipse, SQL Developer.

Gyrix TechnoLabs, India June 2016 – March 2017

Role: Mobile Application Developer

Description: I worked in mobile application development majorly, was involved in development and maintenance of IOS and android applications.

Great Minds (A Think alike gaming iOS application – Swift3, Multilingual based on remote data, Multiplayer, and Statistics and summary).

Seeker (A Social Data intelligence Android, iOS and JAVA Backend application aggregating data from social networks, defined geography with user presence within the geographical area of interest, and tags with elevated API permissions from Facebook, twitter, and Instagram) for Dataveillance – Social surveillance

Responsibilities:

* Implemented Core Data for persistent storage of user data.
* Designed and implemented custom user interfaces for iOS applications.
* Integrated third-party libraries and APIs to enhance app functionality.
* Optimized app performance through memory management and caching techniques.
* Collaborated with backend developers to define and consume RESTful APIs.
* Participated in agile development processes, including sprint planning and daily stand-ups.
* Assisted in app deployment to the App Store and handled updates and bug fixes
* Created models in MVC and developed delegates for updating model information and created hybrid apps using rest APIs.
* Created various views, table views, customized views, and popovers.
* Redesigned several screens including the default application landing screen as per newer wireframe.
* Created custom checklist and sharing them with selected app users by calling web services through JSON libraries
* Manage and administer JIRA/Confluence/BitBucket add-ons, plugins, and extensions
* Design & manage JIRA/Confluence queries, dashboards for metrics reporting for various teams
* Worked on Push Notification sent from server for new Alerts.
* Created functionalities in IOS applications to take a screenshot and save in the file structure
* Created functionality to login through Facebook and interact with facebook friends.
* Migrated the code from existing Objective-C code to Swift.
* Involved in beta testing of the IOS Applications
* Implemented Authentication process along with Remember me option and Touch ID.
* Implementing new features and modules in the app by usage of SWIFT and developed Touch ID to login into the App.
* Hands on experience in carrying out functional Unit Tests
* Involved in the entire process from idea to deployment using agile methodology. Specialized in enterprise applications.
* Excellent knowledge in core concepts like Object Oriented Programming (OOP), Memory Management (Memory profiling and performance tuning), Persistent Data and Data Structures, Dependency Injection, MVC pattern.
* Implemented new features, resolved bugs, and improved performance through code optimization.
* Conducted unit testing and assisted with user acceptance testing (UAT).
* Worked closely with designers to ensure a smooth user experience and adherence to Apple's design guidelines.
* Participated in code reviews to maintain code quality and consistency.
* Worked using Agile, Waterfall and Test-Driven Development methodologies. Experience in working with repositories in GIT and Bitbucket.
* Able to communicate effectively with different teams.
* Used Postman to test APIs
* Broad experience in leading a team (onsite/offshore model) and in coordinating closely with QA and business analysts
* An alerting feature in the mobile app was also built to alert the users.
* Created architecture and critical components of the app.

Environment: Mac OS X, iOS, Xcode, Swift, Objective-C, IOS Simulator, Multi-Threading, GIT, Development (TDD), JSON, REST APIs, Core Location.

Education:

* Masters of Engineering Management from Saint Cloud State University, Plymouth, MN. - Currently pursuing – Eligible to work

* Bachelors of Engineering in Computer Science from Acropolis Institue of Technology and Research, Indore, Madhya Pradesh, India [ 2012- 2016]