ASSOCIATE SOFTWARE DEVELOPER

Summary

Full Stack Java developer with more than 4 years of experience developing enterprise web applications for diverse airline businesses domains. Advanced experience in front end technologies like Angularjs and Typescript plus the accompanying automated testing frameworks like jasmine. Experience in Java/J2EE implementing the most suitable data structures, design patterns to efficiently solve software development problems. Used Service oriented design using REST web services. Experience in TDD, Docker for containerization and Jenkins for continuous integration. Multithreading for optimized solutions and leveraging on Node.js for a non-blocking io to optimize high volume server side transactions applications. Team player with extensive experience overseeing development of sensitive applications. Experienced working effectively in multicultural teams developing software using different SDLC methodologies such as Agile/SCRUM and Prototype. Detail oriented, with high ability to learn new technologies in a short time.

Skills

- Object-Oriented Programming Software Engineering Solution Architecture User Interfaces
- Database Optimization Testing & Troubleshooting RESTful API
- Languages: Java/J2EE, Java 8,JavaScript, ES6 , ES7, Node.JS, C++, C.
- Web: Spring MVC, Angular, Node.JS ,JSP, Servlets, JavaScript, AJAX, jQuery, HTML5, CSS3, XML, Prime Faces, JSON. REST, SOAP, JAX-WS, JAX-RS, JAXB, JSON.
- Web / App Server: Apache Tomcat, IBM Glassfish ,JBoss, WebLogic.
- Frameworks: Spring (AOP, Data, Security, Cloud), Spring Boot, Spring MVC, JSF, Microservices ,Hibernate, Junit, JPA, Bootstrap, Angular, Express.
- Databases: Oracle, MySQL, MS SQL, MongoDB.
- Design Patterns: Abstract Factory, Singleton, Template, Composite ,Observer, Command, Strategy, Adapter, Proxy.
- SDLC: Agile-Scrum, Prototype, Waterfall.
- Tools: Eclipse, IntelliJ ,NetBeans, Visual Code, Web Storm, Firebug, Chrome Developer Tools, postman , STS, Brackets, Mockito, Maven, Junit, Jenkins, Git, Scene Builder, UML, MS Visio.
- Platforms: Windows, Unix, Linux. Java EE, Java 8, Spring, Hibernate, HTML5, CSS3, Bootstrap, JavaScript, Postman, Ajax, MySQL, Eclipse, Windows Go Ride a Bike, MUM: Web application allowing cyclists to organize group rides based on location. Created using Angular 4, NodeJS, MongoDB, Web Socket AUTH 0, Google Map API, Bootstrap, Git, and Visual Studio Code.
- Library Management System, MUM: Desktop application which tracks book check-in and check-out, as well as member data. Utilized Java 8, JavaFX, MySQL, and OOP design.

Experience
Jun 2016 to Dec 2016

- Secured data access and modification on web application using spring security by setting different authorization and authentication rules.
- Used dependency injection to avoid coupling between classes.
- Implemented a service oriented design architecture to have various components of the system as separate services, developed and tested separately.
- Implemented the MVC Design pattern to separate concerns (Presentation from business logic and Data Storage).
- Used Hibernate for ORM mapping of the objects to the relational database and to minimize on the quantity of code in form of queries I had to write to interact with the database.
- Used Apache Common And Java File Stream to read files from ftp servers and extracted flight information.
- Designed and implemented a relational database using Oracle to store the extracted information.
- Used Junit and Mockito for Test Driven Development (TDD).
- Used GitHub for version control and team collaboration.
- Technologies: Java EE, Spring, Hibernate, AngularJS, HTML5, CSS3, Oracle 11g, Eclipse, MVC Design Pattern, Apache Tomcat, JUnit, Windows, git.
- Customer Relation Management System Built a Customer Relation Management System using Built a Customer Relation Management System using NodeJS, AngularJS, HTML, CSS and MongoDB.
- Integrated Agile/Scrum development methodologies to streamline project management and delivery.
- Met with clients to determine and analyze business needs.
- Created attractive, consistent, and functional web pages using Angular Material and Angular animation.
- Optimized Application loading time using Angular Lazy Loading.
- Handled HTTP requests using Observable.
- used ES6 arrow functions for handling call back functions.
- Protected Angular Routes using Guards for client side security.
- Leveraged angular redux module for syncing data in multiple components.
- Built a Node.js REST API with Express.
- Authenticated Server side requests using JSON Web Tokens (JWT).
- Significantly reduced the delays between the application to server communication by using socket.io on the client side and Node.js on the server instead of some of the frequent http calls.
- Designed Object Model and Schema using Mongoose Technologies: Node.js, Express AngularJS, JWT, JSON, HTTP,RX JS, ES6, Socket.IO, MongoDB, GIT, Docker.

Associate Software Developer Jan 2014 to Jun 2014
Bickford Senior Living

- Developed a flight performance reporting tool using Spring, Hibernate, AngularJs, HTML, CSS, Bootstrap, and Oracle.
- Developed a user friendly front end single page application using AngularJS, HTML, CSS and Bootstrap.
- Developed Restful Web services using Spring Boot for exchanging data between the server and In-house web portal.

Nov 2013 to Nov 2016
Pearson

- Completed on-campus studies and currently taking distance education courses to complete a Master's Degree in Computer Science (Available for full-time, W-2 employment).
- Multi-group transportation company employing over 12,000 people.

Software Developer Oct 2012 to Apr 2013
Bickford Senior Living

- Primary company focused on software development and network Installation.
- Developed an Inventory Management System using Java, Spring MVC, Hibernate, Log4J and Microsoft SQL.
- Used Spring web flow pages to guide user on filling forms that contain business logic.
- Implemented a generic search functionality using Java8 new Features lambda expressions, used the new date time API, map-reduce and filter.
- Used Java 8 Streaming API on collections, functional interfaces, predicates.
- BERHANU LEGESE Page 3 641-919-5212 berhanulegese2@gmail.com https://www.linkedin.com/in/berhanu-legese CyberSoft, cont.:.
- Used Named Parameters and Stored procedures to prevent against SQL Injection attacks.
- Implemented and handled cross cutting concerns (logging) with Spring AOP.
- Designed and implemented a relational database using Oracle to store the extracted information.
- Configured and deployed an enterprise application on to Tomcat.

Education and Training
Master of Science , Computer Science Maharishi University of Management ï¼ City , State Computer Science In progress via distance education; expected completion June 2019
Key Courses: Modern Programming Practices; Modern Web Applications; Web Application Architecture; Modern Web Programming; Enterprise Architecture
Bachelor of Science , Computer Science 2013 Bahir Dar University Computer Science Bahir Dar, Ethiopia Key Courses: Fundamentals of Programming; Object Oriented Programming with Java; Object Oriented System Analysis & Design; Internet Programming; Advanced Database Systems; Data Structure & Algorithms; Analysis of Algorithms; Software Engineering; Requirement Engineering; Distributed Systems
Skills
ACADEMIC, streamline, Agile, AJAX, animation, Apache, API, book, C, C++, com, CSS, CSS3, client, clients, version control, Databases, Database, delivery, Eclipse, XML, Features, filling, forms, ftp, functional, HTML, HTML5, http, IBM, Inventory Management, J2EE, Java, Java8, Java 8, JSP, JavaScript, JBoss, jQuery, JSON, Linux, Log4J, logging, logic, access, Microsoft SQL, Windows, MongoDB, MVC, MySQL, Enterprise, network Installation, Object Oriented, Object Oriented Programming, Object-Oriented Programming, OOP, Optimization, Oracle, Developer, page, Prime, Programming, progress, project management, Proxy, Express, read, relational database, reporting, Requirement, Scrum, SDLC, servers, Servlets, SOAP, software development, Software Engineering, MS SQL, SQL, Strategy, System Analysis & Design, Tomcat, transportation, Troubleshooting, UML, Unix, Visio, Visual Studio, Web Applications, web portal, Web Programming, web pages, WebLogic