**Yonas z Misghina**

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**SUMMARY:**

* **5+** years of IT experience in the areas of **Analysis, Design, Development, Coding, Implementation, and Testing** of **Java** web based multi-tier applications.
* Hand on Experience in developing Web-Centric applications using **AngularJS, Node JS, JavaScript, JQuery, CSS and CSS3.** Proficient in Responsive Design Layout applications using Twitter **Bootstrap** supporting multitude of browsers and devices.
* Expertise in design and development of web applications using **JSP, JavaScript, HTML5, CSS,CSS3, JQUERY, AJAX, JSON, Node.JS, AngularJS, Backbone.JS** single page applications (**SPA**) by using **JavaScriptMVC framework, Angular JS.**
* Experience in building **MEAN** applications using **MongoDB, Express.JS, Angular-JS, Node-JS,** creating **RESTful Web** services with **Node-JS, Express-JS** and installing client side dependencies using Bower.
* Experience in developing modern, responsive and scalable web applications with **AngularJS.**
* Used **Node Package Manager (NPM)** to manage or install the **Node-JS** modules like **Gulp, Express, mongoose, and mongo.js.**
* Experience in creating User Controls, Web Forms and client side validations using **JavaScript, jQuery** Validate and **AngularJS.**
* Knowledge of **LESS** and **SASS** for writing **CSS** styles more easy with the **Mixins**, Parametric **mixins**, Nested Rules, Operations, Namespaces etc.
* Knowledge of developing single page web applications by using **Angular 2** with **typescript/ ES** and **jQuery**
* Good experience in **Object Oriented Analysis & Design (OOAD)** using different design methodologies/ process frameworks like **SDLC**, **Rational Unified Process (RUP)** and tools like **UML, Rational Rose.**
* Experience in using **J2EE** technologies like **JSP, Servlets JDBC.**
* Experience in using various design patterns such as **MVC (Model –View-Controller) and Singleton.**
* Knowledge in developing **PL/SQL**, **Stored Procedures, functions, triggers** using **Ms SQL** and comfortable working with databases like **No-SQL and MySQL**.
* Knowledge with version control tools like **GIT**. Followed **Waterfall, Agile** methodologies .
* Knowledge in **RDBMS Design, DB normalization**, **ER modeling**, **SQL, PL/SQL**, **procedures, cursors, functions, triggers**

**TECHNICAL SKILLS:**

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| **Languages** | Java (1.8),C ,PL/SQL, UML2.X |
| **Technologies** | HTML5, CSS3, LESS, SASS, Bootstrap-3, Object Oriented JavaScript Programming, PHP, JSON, SEO, Typescript, ES-5. JQuery, Angular.js,, Node.js, ajax, Backbone.js, Express.js,Servlets 3.x ,JDBC, |
| **Development Tools (IDEs)** | Eclipse, NetBeans, MS Visual Studio,Atom,Sublime,Git bash |
| **Web/Application Servers** | Tomcat7.x, JBOSS |
| **Database** | SQL server 20012, MySQL, Mongodb |
| **Platforms** | Windows, LINUX, MAC |
| **Testing Tools** | JUnit 4.x, Version1 |
| **Version Control** | GITHub |
| **Methodologies** | Agile Methodology, Waterfall model Methodology |

**EDUCATION:**

* **Eritrea Institute of Technology, Asmara -Eritrea.**

**CERTIFICATIONS:**

* **Foundation in SoftWare Testing (Hahu It consultancy)**

**PROFESSIONAL EXPERIENCE:**

**SOFTWARE TESTER/FRONT END DEVELOPER:**

**HAHU Inc- Bellevue, WA -JUN 2016 -DEC 2016**

**Responsibilities:**

* Followed **Agile** methodology and involved in daily **SCRUM** meetings, sprint planning, showcases and retrospective .
* Designed the responsive front-end screens using **Angular, HTML5, CSS3, JavaScript, Typescript, JQuery, Bootstrap .**
* Performed Authorization and Authentication Testing.
* Performed performance tuning and optimization.
* Developed Test Plan and Test Cases to cover all the functionality.
* Develop documentation and test procedures.
* Executed both manual and automated testing using Java.
* Requirement Study, Preparing Functional Test Scripts for new requirements.
* Assembling Computers, Installing Softwares, Troubleshooting for both Hardware & Software errors.
* Provided various technical support services for the company's software applications, including problem analysis and resolution.
* Worked closely with the developers of applications to advise concerning changes on system-levels.
* Made effective and much appreciated suggestions for changes in the system applications, and gave expert advice as to proper operation.
* Trained end-users by means of verbal personal instruction and specially designed documentation.

**Environment:** Java 1. 8, Spring 4.3, JUnit, Gulp, XML, Ajax, JSON, javaScript, Typescript, JQuery, Bootstrap, Angular 2, MongoDB, Linux, Apache Tomcat, Spring Tool Suite(STS).

**MEAN STACK DEVELOPER:**

**MINISTRY OF EDUCATION -(ASMARA-ERITREA) --AUGUST 2014 -FEB 2015**

**Responsibilities:**

* Worked closely with internal clients to define business objectives, project scope, solution space and design/development approach for various knowledge research applications.
* Used **Object Oriented Programming** concepts to develop UI components that could be reused across the Web Application and developed cross browser and multi browser compatible web pages using **HTML5, CSS3, Bootstrap** and **JavaScript.**
* Extensive use of **AngularJs** for developing the **SPAs** (Single Page Applications) for internal application/tool. Worked on **Angular**JS directives, Controllers, Filters, Services, Templets, Events, and Injectors also created the angular custom directives, Filters, and Services.
* Developed the application using **Angular-JS, Node-JS, Express-JS, Mongo-DB, Angular-UI, HTML5, Bootstrap, CSS3** and **JavaScript.**
* Developed Mean Stack application from scratch including **MongoDB** server setup and **Express-JS** server development.
* Used **Angular**js framework for building web applications with the associates in order to understand the requirements of the user interface layout of the web application.
* Used **Angular JS** for internationalization and to generate share prices dynamically using **ng-route** also used Node Package Manager (**NPM**) to manage or install **Gulp, Express, Underscore.js, mongoose, body-parser.**
* Built the reusable service components using AngularJS services with Object Oriented **JavaScript, JQuery, HTML, CSS3** based on the visual designs.
* Developed various **AngularJS** directives to help build the functionality and **UI**behavior using JavaScript with extensive knowledge of and use of **AngularJs** directives to bring additional functionality to **HTML**.
* Used **Angular** libraries like angular-ui-router, angular-resource to create the effective single page application and used angular-cookies to temporarily store the data used in this application.
* Developed **Bootstrap** responsive web application pages using **AngularJS** services, controllers and directives for front end UI and consumed **RESTful** web service API.
* Developed **REST** services using **Node-JS, Express-JS, Body-Parser, Mongoose** and other node modules to serve the web application with **JSON** data.
* Developed innovative web applications using **ejs (HTML), JavaScript, JQuery** as a Front-end and used **Angular-JS, AJAX** for asynchronous validations for the input fields of the forms with the data existed in the database.
* Used **Postman** to test the API workflow i.e. tested the **JSON** files which are generated by the **Node-JS, Express-JS.**
* Used **Gulp** as a build tool in this project for the tasks like building scripts, minifying and bundling the **JavaScript** files.
* used **GIT** for Version Control of code for incremental development.

**Environment:** HTML5, JavaScript, CSS3, jQuery, Ajax, Bootstrap, Angular-JS, Node-JS, Express-JS, JSON, MongoDB, RESTful web service,, sublime Text,Gulp,Agile, GIT.

**JAVA DEVELOPER:**

**ERITREA INFORMATION SYSTEM AGENCY -(ASMARA-ERITREA) --DECEMBER 2011 -JUN 2013**

**Responsibilities:**

* Involved in all the phases of **SDLC** including Requirements Collection, Design &amp; Analysis of the Customer.
* Specifications, Development, and Customization of the Application. Developed the GUI of the system using **HTML**, **JSP** and client-side validations was done using **JavaScript**.
* Built and accessed the **Mysql** database using **JDBC** connectivity.
* Analysis, requirement gathering, user story building, Coding, Unit testing, and Deployment.
* Responsible for developing **Use case diagrams, Class diagrams, Sequence diagrams** and process flow diagrams for the modules using **Rational Rose.**
* **JSP** and Tag Libraries used in developing user Interface for administrative

screens and user interaction screens.

* Worked on coding of **Servlets** .
* Developed **Servlets** to process the requests, transfer the control according to the request to Corresponding Session

**Beans**, **JSP** pages.

* Java **Servlets** and **JSP** pages were deployed on the WebLogic Application Server for retrieving user information

and posting related data.

* Worked on database interaction layer for insertions, updating and retrieval operations of data from oracle database

by writing stored procedures.

* Simulating and analyzing the reported Problem logs and incidents. This usually involves a code walkthrough of existing functionality, and provides necessary data fix.
* Deploying the application in the live servers and worked on different unit testing scenarios.
* Responsible for training the internal teams and documentation of deployment, Operational documents for the Deployment, L1/L2 teams.

**Environment**: Java/J2EE,, Jsp, Servlets, JDBC, EJB. Eclipse,NetBeans, UML, Tomcat Server, Oracle, XML, HTML, JavaScript, Ant, PL/SQL, JUnit.