**Fasika Walle**

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**FULL STACK SOFTWARE DEVELOPER**

Full Stack developer with more than 3 years of experience developing enterprise web applications for diverse crime investigation bureau. Advanced experience in front end technologies like reactjs and Typescript plus the accompanying automated testing frameworks like jest. Experience in Java implementing the most suitable data structures, design patterns to efficiently solve software development problems. Used Service oriented design using REST web services. Multi threading for optimized solutions and leveraging on Node.js for a non-blocking io to optimize high volume server side transactions applications.

**Technical 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++.

**Web:** Spring MVC, Angular, Node.JS ,JSP, Servlets, JavaScript, AJAX, jQuery, HTML5, CSS3, XML, Prime Faces, JSON.

**Web Services:**  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.

**Libraries:**  Jquery,Bootstrap,Express,Moment,Node MYSQL

**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,Git, Scene Builder, UML, MS Visio.

**Platforms:** Windows,Linux.

Projects

**Simple Jack:**

Joker has invaded the Marvel Universe and captured heroes and villains alike. Gambit was the sole survivor. You will play as Gambit to defeat Joker in rounds of Black Jack.

* used ES6 arrow functions for handling call back functions

**Technologies:** Node.js, JSON, ES6, HTML,CSS,GIT.

**Crime record management system:**

In order to organize and retentive prisoners information and access having a lot of features this system is designed and made.

**Technologies:** Node.js, JSON, ES6, REACT,CSS,MYSQL.

**Omnifood:**

It’s a front end project which uses html, css and jquery.

**Technologies:** HTML,CSS,jquery.

**Zing Chat Application:** Full stuck project which is based on socket.IO.

**Technologies:** Handlebars,JavaScript,JSON,ES6,CSS,GIT,MYSQL.

**PROFESSIONAL EXPERIENCE**

**Federal police crime investigation bureau , Addis Ababa, Ethiopia (Jan 2016-Dec 2019)**

**Software Developer**

Built a Crime record 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 reactRoutes using Guards for client side security
* Leveraged react 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

**EDUCATION**

**Bachelor of Science in Computer Science**

***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*

**ACADEMIC PROJECTS**

**Graduation Paper Evaluation System:** Web application which evaluates each papers and give the rank and will send the result of the winner via message . Created using Angular 4, NodeJS, MongoDB, Web Socket AUTH 0, Bootstrap, Git, and Visual Studio Code.