Alula Kibrom | Full Stack Developer
+1 412 706 4385 | alula.hawando@outlook.com, altsyset@gmail.com | https://hawando.com/
133 Piper Dr, Pittsburgh, PA

SUMMARY:

- Over 11 years of experience in developing different types of web-based applications ranging from ERP systems to specialized large-scale business applications.
- Experience in complete agile SDLC phases of projects involving analysis, architecture, design, development, testing, documentation, administering & deploying various client-server, web, and mobile applications.
- Developed several RESTFul services that are secure, maintainable, and scalable using Java EE, Spring MVC, Spring Boot, and Spring Batch.
- Continuously worked with CICD technologies like Docker, Jenkins, Git, Sonarqube, and Swagger
- Independently designed and developed several single-page websites and applications with JavaScript MVC that have impacted my customer's business.
- Skilled in relational database design using MySQL, and Microsoft SQL Server as well as NoSQL databases like MongoDB.
- Adopt mapping Hibernate**,** with relational and nonrelational databases.
- Lead an active process designing, and implementing databases for different business domains,
- I handled server/database migrations and upgrades - from MySQL to SQL 2005 databases and to SQL 2012.
- I took responsibility for designing and developing data migration tools depending on client data.
- Experience in managing teams and leading projects.
- I take initiative to research topics and give presentations, and training in every company I was part of. This creates great team spirit and knowledge-sharing culture.
- Proven organizational, time management, and wide range of skills and ability to work independently while being a good team player who enjoys delivering high-quality work.

TECHNICAL SKILLS:

Operating System	Linux/ Windows, Ubuntu
Primary Skills	Java EE (Java 8, 9, 11), Spring MVC, Spring Boot, RESTfull API, Angular, JavaScript, TypeScript, Node
Frameworks	Spring Boot, Spring, Hibernate, Angular, Jamine
Database	SQL Server 2005-2014, MySQL, Oracle
Application Servers	Apache, IIS, TomCat
CICD Tools	Docker, AWS, Maven, Jenkins, Git, Jira, BitBucket
AWS Services	S3, API Gateway, Lambda, ECS, etc
Tools	PostMan, IntelliJ, Eclipse, , Azure Data Studio, VS Code, JSON
Management skills	Good communication, client facing & problem-solving skills, Experience of handling multiple clients at the same time

EDUCATION:

- Bachelor's degree in Computer Science, Adama University July 2007

WORK EXPERIENCE:
Current: Tripoint solutions   2020   Present
Project: National Institute of Health, NITAAC Acquisition System
Role: Full Stack Developer

Company:	Excellerent Technology Solutions	2020	May 2022
Project:	Rideau(Engage2Excel) Employee Recognition Platform		
Description:	Working as a full-stack developer and team lead in developing web applications for high-end customers.		
Role:	Senior Software Developer | Tech Lead		

Responsibilities:
- Developing and refactoring Angular modules, directives, services, and components per client requirements, to roll out multiple features in a short period and improve the product,
- Improved performance of Angular and the Spring Boot REST API endpoint that the application consumes **by up to 25%** by implementing a observable common services and avoiding repeated service calls,
- Created configuration management tool that enabled the our client to host multiple tenants in one application, with each tenant keeping their own databases. This has increased the time it takes our clients to enrol new tenant **from months to weeks**.
- Took charge of the system design, and development of Angular & Spring web application. I have completely rewritten the main services to increase usability across the application.
- Restructured multiple table design to minimize direct SQL querying inside hibernate models which were difficult to debug. Which have increased every developer's productivity by almost **a factor of 10**.
- Created monthly POC discussions and trainings for my team members on performance improvement, redesigning and refactoring, on leveraging CI/CD tools, etc.

Environment: Jira, BitBucket, AWS, AWS S3, AWS MSSQL, and Angular 8

Company:	The World Bank / GFA Consulting Group / AU	Jun-2019	2020
Project:	Web Design / Development Consultancy for the African Union with the funding of The World Bank		
Description:	Designed and developed a web-based application based on Liferay and Spring backend		
Role:	Short Term Consultancy		

Responsibilities:
Single handledly designed and developed a web platform for the AUC department and consulted The World Bank to develop the Addis Ababa City Authority Construction Permit platform.
- Integrated SpringBoot REST API with Liferay Portal **-** Designed and developed a Spring Boot REST API and integrated it with the Liferay portal.
  - Created a library of **hundreds of thousands** of PDF documents that are used by users around Africa.
  - Migrated data migration tool to move the documents and their metadata into the new DB.
- Bootstrap**:** Applied bootstrap to map a Figma design into an HTML theme,
- Improved scalability by applying a proxy server.

Environment   AWS, Ubuntu, MySql, Angular, Java 8, Spring Boot, CSS, JavaScript

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Company:	360 Ground Technology	June-2016	2019
Project:	Meda chat and mobile payment		

Description: Responsible for developing a backend API for a mobile chat and payment system.
Role: Senior Software Developer

Responsibilities:

- Developed a backend application using Java Spring MVC that parses different data formats like CSV, and SOAP from major banks; saves it into our own MySQL database; and publishes the formatted data into restful API.
  - Working on a queue based design to smoothly work with the banks request limitations.
- Designing and developing a highly scalable API using Spring MVC and Kafka and made it to run smoothly on a constrained on premises server.
- Built a public-facing API that handles **100Ks user** requests via a mobile application called Meda with a smart throttling that engaged additional servers and VMs during high demand,
- Redesigned the same application with the different domains or behaviors into separate microservices,
- Used Apache Kafka to streamline communication between the different microservice servers including bank gateway, client data, chat server and payment gateways with banks.

Environment: Microsoft, Ubuntu, Oracle, MySql

Company: INSA   2008   2016
Project: ERP System Development
Description: Responsible for Designing, developing, and organizing the implementation of the ERP solution.
Role: Programmer - Project Manager

Responsibilities:

- Designed the different sub systems of the platform and how they would interact with each other with a help of independent consultant.
- Manually deployed GlassFish server on Solari OS and deploy the team's war files into the clients on premise server,
- Promoted from Programmer to Project Manager of the INSA Enterprise Resource Planning (ERP) system,
  - Coordinated the integration of the different subsystems and leading the development of core features of the ERP.
- Responsible for the development of database synchronization using Oracle data service. The data is returned in different formats(i.e JSON, XML, etc)

Java Server Faces - are used in frontend display and client-side validation.
Java EE and Java Servlet- used entity framework for the application which has a Data layer, a business layer with all the business logic.