



Milkias Bekana

Hopefully the next employee of your company!

Full-Stack (FE-heavy) Developer with 4+ years of hands-on experience building web and mobile apps with JavaScript, Java, Angular, Spring Boot, React, Flutter, HTML/CSS and delivering exceptional customer experiences. Great at communication, understanding project requirements, and delivering scalable code in a timely fashion. Adept at contributing to a highly collaborative work environment, finding solutions, and determining customer satisfaction.

Years of exp. 4 years of experience

Technical Skills Below are the skills I possess

Skill	Years of experience
Angular	4 years
AngularJS	4 year
JavaScript	4 years
Java	4 years
React	4 year
Typescript	4 years
Angular 2	4 years
Angular CLI	4 years
Node.js	4 year
Python3	4 years

Additional skills:

API Documentation	Optimization	
PHP	Project Management	Tensorflow

February 2020 - Present
3 year

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ispute_management
is developed to overcome customer dissatisfaction because of delays in

Work History

Programmer Analyst February 2020 - Present
Enat Bank S.C 3 years

ATM Dispute Management

https://github.com/mbekana/dispute_management

- Worked on a system that is developed to overcome customer dissatisfaction because of delays in handling ATM disputes.
- Prepared SRS documentation based on an interview and documents gathered from clients.
- Worked on SDD documentation, Data Design, Architectural design, interface design, and procedural designs.
- Developed and maintained the frontend focused on user experience using material design.
- Built, tested, and integrated the frontend with a Spring Boot back-end.
- Designed Data modeled tables and their relationships.
- Developed and maintain APIs.
- Created automated mail sender schedule jobs using Quartz.
- Managed to overcome data redundancy and inaccuracy issues by creating an API integration module with the Core Banking System.
- Developed the front-end architecture.
- Carried out Unit tests using Jest.
- Implemented authentication and authorization.

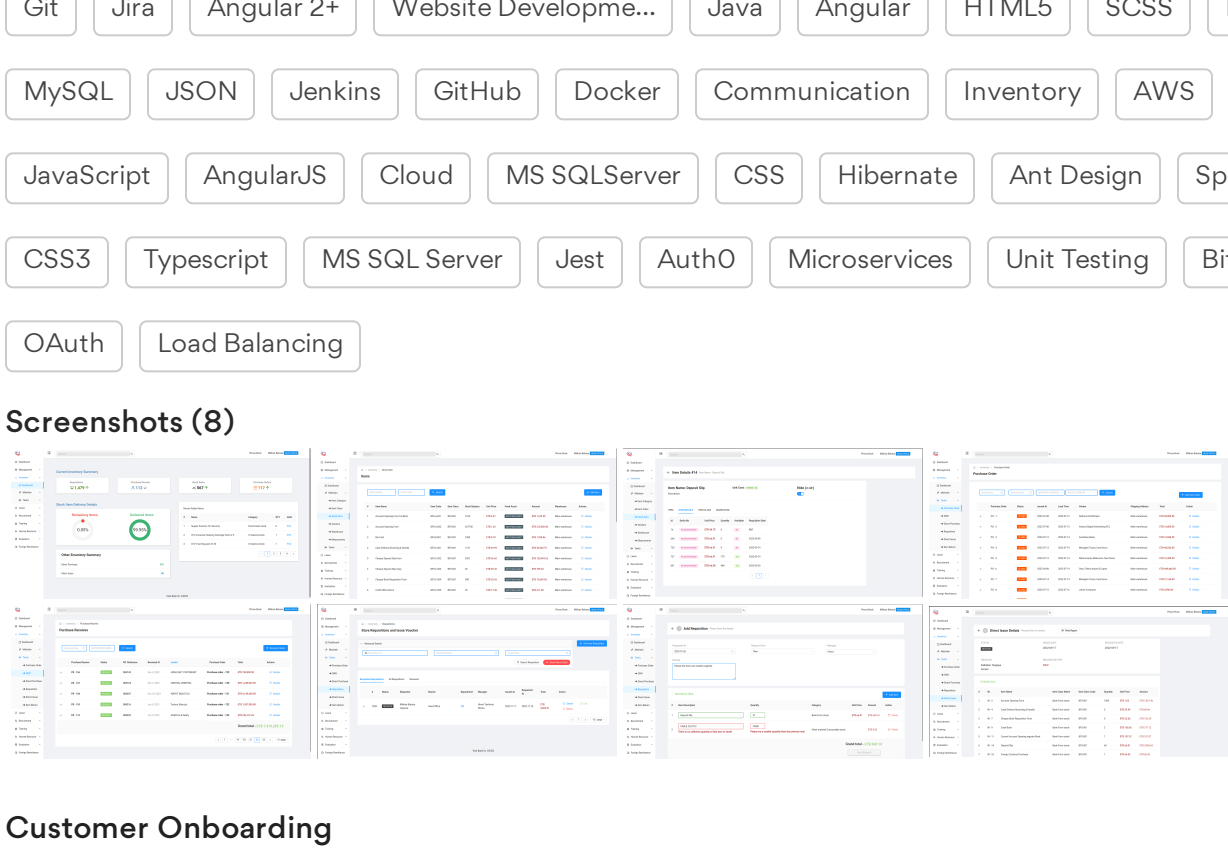
Minimized the time taken to process an ATM dispute which can decrease the date from 15 days to a matter of hours and tremendously decrease the number of errors that were causing problems.

Java Docker GitHub MySQL JSON CSS3 HTML5 Spring Boot Access Angular

SAML Spring Angular 2+ HTML AngularJS Git Back-End Develop... Typescript

OAuth Open Source JavaScript Website Developme... Auth0 Jest Unit Testing

Screenshots (6)



Inventory Management System

- Worked on the Inventory Management System.
- Prepared the SRS, SDD, and Design of the system with my team.
- Developed the Front-end using JavaScript, Angular, Typescript, Ant design, and SCSS.
- Built back-end using Java and Spring Boot with my team.
- Used Spring cloud to communicate with other micro-services.
- Applied Eureka for service discovery and load balancing.
- Implemented an MS SQL Server as a database.
- Worked with OAuth 2.0 for authentication and authorization.
- Carried out Unit tests using Jest.
- Used tools like Hibernate, Docker, and Jenkins.

Increased Information Transparency about items that are received, picked, packed, shipped, and kitted.

Git Jira Angular 2+ Website Developme... Java Angular HTML5 SCSS HTML

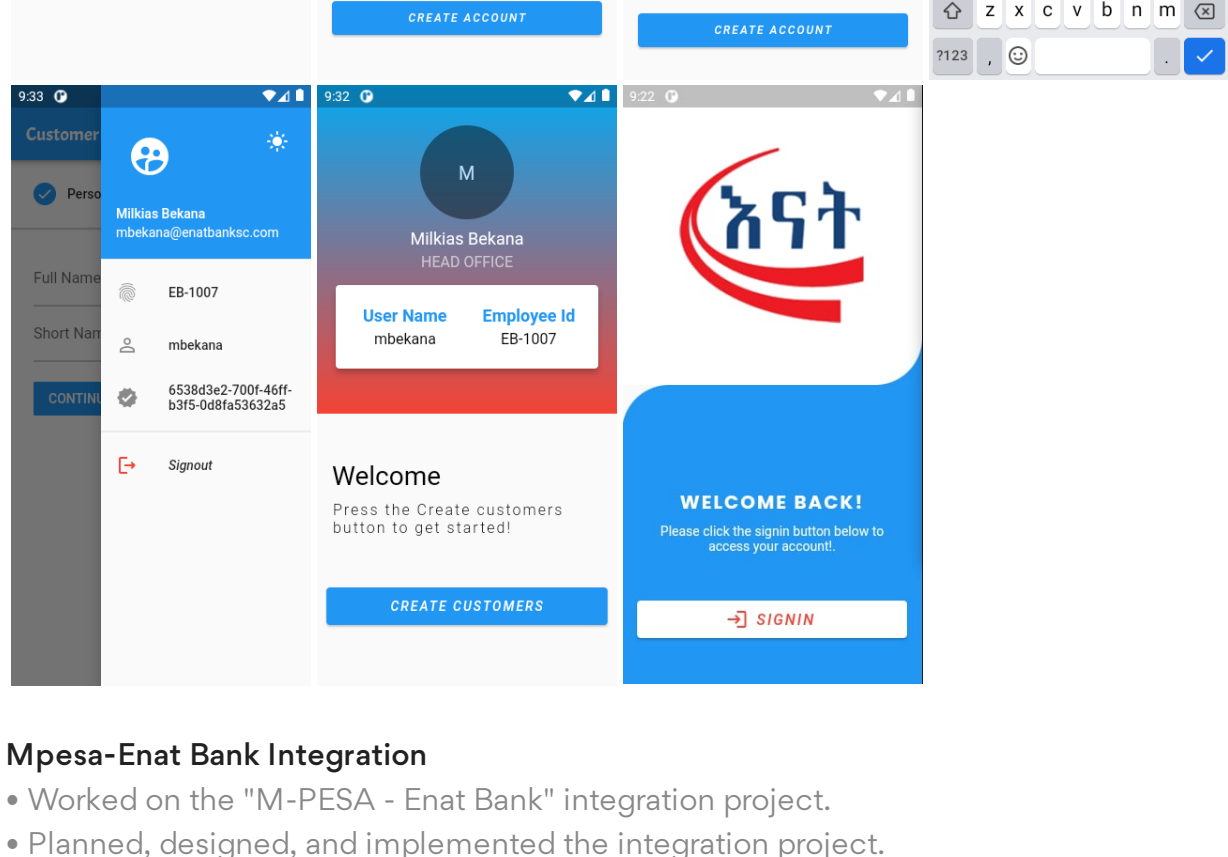
MySQL JSON Jenkins GitHub Docker Communication Inventory AWS Spring Boot

JavaScript AngularJS Cloud MS SQLServer CSS Hibernate Ant Design Spring SQL

CSS3 Typescript MS SQL Server Jest Auth0 Microservices Unit Testing Bitbucket

OAuth Load Balancing

Screenshots (8)



Customer Onboarding

https://github.com/micahGrace/customer_onboarding.git

- Worked on a Customer Onboarding app designed to improve customer engagement and process efficiency.
- Developed and designed the UI using the Flutter framework.
- Designed the dashboard using Angular and Typescript, HTML5.
- Built a middleware between and a utility that mediates between the flutter client and the core banking system to do authentication.
- Developed and integrated services that broker between SOAP and REST API.
- Designed Database table and relationships to record metadata of customers and accounts created.
- Implemented Auth0 and OIDC to secure the application.
- Used Angular, a powerful front-end development framework of JavaScript that offers many benefits for web developers.
- Created the API I used the Java Spring boot application.
- Deployed Unit testing using Jest.
- Dockerized Angular and Spring Boot app using Docker Container.

Higher customer retention rates and lower churn rates. Decreased support costs will have a tremendous impact on the elimination process of the pain points and, thus, enable the company to offer a better customer experience.

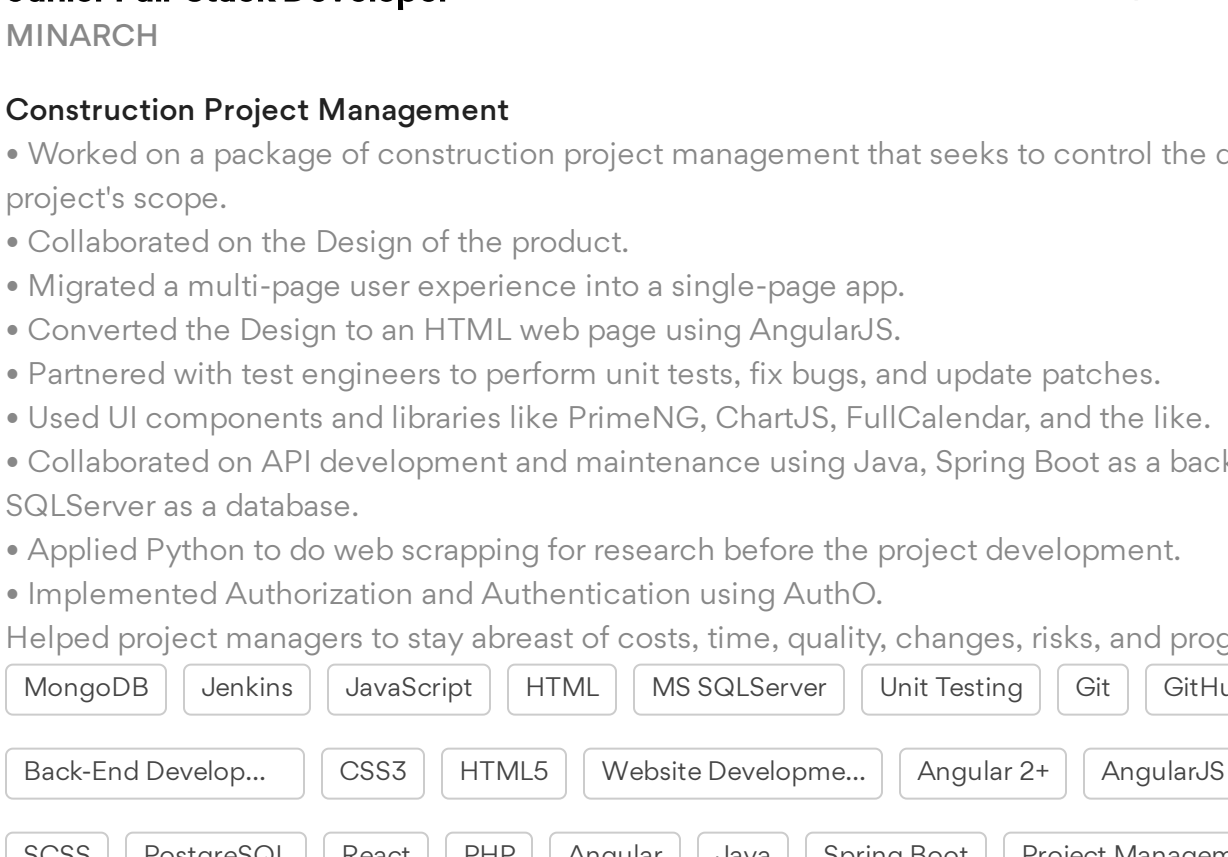
Jira JSON Docker Spring Boot SOAP OAuth Back-End Develop... MySQL

Website Developme... Git AWS JavaScript Unit Testing Jenkins Java Angular 2+ CSS

CSS3 Flutter MS SQL Server GitHub Angular Auth0 Typescript Spring MS SQLServer

XML HTML5 Jest

Screenshots (7)



Mpesa-Enat Bank Integration

- Worked on the "M-PESA - Enat Bank" integration project.
- Planned, designed, and implemented the integration project.
- Created a utility service to convert from and to JSON and XML.
- Built an OAuth 2.0 client credentials grant flow to enforce Machine to Machine authentication.
- Developed a service to communicate the two web services without the need for the WSDL file.
- Used Java, Spring Boot, Okhttp3, Keycloak, and Swagger.
- Generated API documentation using Open API and Swagger.

This integration project has reduced costs and operational bottlenecks by creating streamlined and optimized processes or workflows.

JSON Open Source XML Spring Boot Java Docker MS SQLServer Jenkins SOAP

Back-End Develop... Hibernate Unit Testing Web Services Jira Typescript AngularJS

Angular OAuth API Documentation Spring MS SQL Server

Case Management System

- Worked on the "Case Management System", a digital tool that the firm uses to manage its legal cases, and clients organized.
- Worked with clients and stakeholders to meet project requirements, goals, and desired functionality.
- Handled development of the project from initial design through completion.
- Enhanced user experience and accomplished webpage objectives by creating site structure, navigation, and optimization.
- Developed the authentication and authorization layer using Auth framework.
- Built RESTful API using Java, and Spring Boot for data retrieval, validation, and manipulation.
- Created and maintained the user interface using Ant Design.
- Developed Automated scheduled mail sender jobs using Quartz.
- Worked on the frontend using Angular, and Typescript, HTML5.
- Fixed bugs and tested using Jest for usability.

Users can easily configure their parameters due to the setting feature.

Back-End Develop... MS SQL Server Spring Boot Website Developme... Angular 2+ Angular

CSS3 Java Angular CLI JavaScript Docker JSON Jenkins HTML Spring

Optimization Typescript MS SQLServer Jest Ant Design OAuth AWS HTML5

Junior Full-Stack Developer January 2018 - February 2019
MINARCH 1 yrs 1 mos

Construction Project Management

- Worked on a package of construction project management that seeks to control the quality of a project's scope.
- Collaborated on the Design of the product.
- Migrated a multi-page user experience into a single-page app.
- Converted the Design to an HTML web page using AngularJS.
- Partnered with test engineers to perform unit tests, fix bugs, and update patches.
- Used UI components and libraries like PrimeNG, ChartJS, FullCalendar, and the like.
- Collaborated on API development and maintenance using Java, Spring Boot as a back-end, and MS SQLServer as a database.
- Applied Python to do web scrapping for research before the project development.
- Implemented Authorization and Authentication using Auth0.

Helped project managers to stay abreast of costs, time, quality, changes, risks, and progress of projects.

MongoDB Jenkins JavaScript HTML MS SQLServer Unit Testing Git GitHub

Back-End Develop... CSS3 HTML5 Website Developme... Angular 2+ AngularJS JSON

SCSS PostgreSQL React PHP Angular Java Spring Boot Project Management Spring

MS SQL Server Communication Python Auth0 MySQL Typescript

Screenshots (5)



Thesis Researcher July 2018 - October 2019
Addis Ababa Institute of Technology 1 yrs 3 mos

Ethio Translate

- Worked on a bidirectional English -Tigrinya neural machine translation project.
- Used Neural Machine Translation.
- Prepared around 75, 000 parallel corpus using Python.
- Developed a back-end service using Flask to retrieve results from the models.
- Built the back-end API using Flask.
- Worked on the development of the frontend using JavaScript, ReactJS, CSS, and HTML.

A bidirectional translation with an accuracy of more than 80% on the blue score.

Python Flask React JSON Tensorflow CSS HTML Access JavaScript

Screenshots (5)

Education September 2015 - December 2019
Addis Ababa University, Ethiopia
Bachelors Of Degree In Software Engineering

Other certifications & awards 2022
The Data Scientist's Toolbox

2022
Front-End JavaScript Frameworks: Angular

2022
React + Redux

2022
Responsive Web Design

2023
PostgreSQL Bootcamp : Go From Beginner To Advanced

2023
Introduction To Java