

# HAGLER WAFULA CHARLES

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## Professional Summary

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1. Engineering robust, user-focused solutions driving breakthrough efficiency and bottom-line results for businesses
2. Dynamic team player of software development teams; offering four years of experience developing enterprise level financial business software.
3. Skilled in all phases of the software development lifecycle; expert in translating business requirements into technical solutions; and fanatical about quality, usability, security, and scalability.

## Skills

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1. Java
2. Spring Framework, including Spring boot
3. RESTful Application Design
4. SQL (MYSQL, MSSQL)
5. NoSQL (MongoDB)
6. Angular
7. React
8. Git

## Experience

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Cellulant Corporation Limited, Nairobi, Kenya

**Software Engineer**

*(Sep 2020 – present)*

### Key Results

1. Delivered BulkPay 3.0 User Interface to production with live customer traffic by end of Q1 of 2022
2. Delivered Citibank Uganda to production by end of H1 of 2021
3. Reduce BulkPay onboarding time with Clients from an average of 2 sprints, i.e., 4 weeks to 1 sprint
4. Take on advanced Angular practices; learning Angular NgRx for Application State Management, Jasmine Testing Framework for Angular Testing
5. CI/CD adoption for the legacy applications

6. Improve the quality of service of the bulk purchase UI by adding to sonar and a minimum code quality grade of B and a minimum code coverage of 60%

### **Key Responsibilities**

1. Design - application functional designs;
2. Develop - development as per user requirement specification and integration to other service platforms;
3. On a weekly basis, report on the KPI of the applications & web services developed;
4. Validation and Verification - oversee the assurance of application functional logic, data processing and error management;
5. Be involved and participate in the overall application lifecycle;
6. Participate in design reviews and recommend improvements.
7. Analyze and troubleshoot application issues in a timely fashion.
8. Work with other engineers in planning, prioritizing, and executing assigned tasks within deadlines.
9. Assist in risk assessment and mitigation activities.
10. Attend team meetings to communicate project status and discuss new ideas and any issues while also facilitating effective communication with partners and stakeholders.
11. Recommend new technologies to ensure quality and productivity.
12. Provide training and mentor other Engineers when required.
13. Perform any other relevant duties assigned.

Eclectics International, Nairobi, Kenya

### **Frontend – Angular Developer**

*(Sep 2018 – Sep 2020)*

### **Key Results**

1. Reduced the number of reported bugs from 2.1 to 1.0 (per account per month)
2. Increased the code coverage with test from 35% to 50%
3. Increased the Sprint team velocity from 40 to 60. This positively impacted the team's backlog tasks and reduced burnouts.
4. Achieved 100% code-review for all Pull Requests

### **Key Responsibilities**

1. Building user interfaces that are more user interactive.
2. Use Angular framework to create Single Page Applications which can bind data to specific views and synchronize data with the server.
3. Using SVN and/or GIT for version control.
4. Using Jasmine/Karma for unit testing.
5. Gather and refine specifications and requirements based on technical needs.
6. Create and maintain software documentation.
7. Be responsible for maintaining, expanding, and scaling the company and other product websites.
8. Stay plugged into emerging technologies/industry trends and apply them into operations and activities.
9. Conversion of UI designs for development purposes.

Reporting to the Product Development Manager

Intrasoft Technologies Limited, Mombasa, KE

**Software Developer**

*(April 2018 – Sep 2018)*

**Key Responsibilities**

1. Involved in conceptualizing, designing and implementing a php web application system.
2. Worked side by side with clients to get full requirements of the application.
3. Prepared system documentation and user training manuals for all processes and procedures.
4. Troubleshooted all issues regarding the application before moving to and while on the production server.
5. Carried out IT support duties in the organization.

Ecobiz Limited, Bishop Makarios Road, Mombasa, KE

**Software Developer**

*(April 2017 – April 2018)*

**Key Responsibilities**

1. Interacting with clients and stakeholders to determine their problem statement through requirements gathering and conduct analysis of the requirements and come up with system requirements and specifications.
2. Present and defend designs and key deliverables to peers and executive level stakeholders.
3. Updated websites and created back-up files on the same.
4. Establish and promote design guidelines, best practices and standards.
5. Maintained continuity throughout all websites both technically and creatively.
6. Provided aftercare support for clients on assessing the performance of their sites.

**Education**

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*(April 2016)*

**Dedan Kimathi University of Technology – Nyeri, KE**

Bachelor's degree in Computer Science

*(November 2011)*

**Sigalame Boys High School – Samia, KE**

Certificate of Secondary Education

## Referees

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