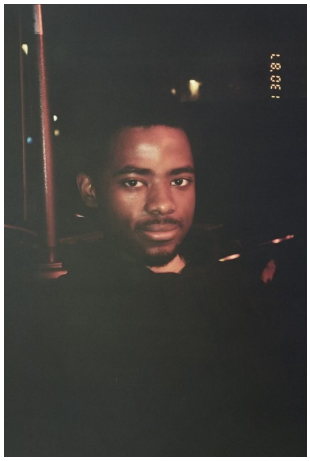

Paul Ashioya

Nationality: Kenyan
13 June, 2001
Antwerpen, Belgium

Languages:
English: Native
Kiswahilli: Native
German: B1
Dutch: A2
French: A1

+32 456036814
@ john.ashioya@gmail.com

Personal Website
GitHub
GitLab
Linkdin

Resumé

2024–2024 **Ag Solution**
System Engineer · Antwerp-Belgium
Full-stack development of state of the art industrial software used my global industrial companies as well as a role in implementing infrastructure to ensure the systems in place meet modern cyber-security standards.

2022–2024 **CityBox Antwepen**
Host · Antwerp-Belgium
Although the hotel is mostly automated, I ensured all systems were running as expected while answering all calls and guests questions.

2024–2024 **Tryve EU**
Internship · Antwerpen
I was responsible for the development of the companys new mobile app utilizing tryves existing infrastructure, to create a on-the-go, location based task manager for on site workers

Education

2017 - 2018 **(Partial) Applied Computer Technology**
B.S. · United States International University - Africa

2018 - 2021 **International Baccalaureate**
I.B. · Berlin International School

2020 - 2021 **(Partial) Computer Science**
B.S. · International University of Applied Science - Berlin

2021 - 2024 **Applied Computer Science**
B.S. · Karel de Grote - Antwerp

Introduction

Highly motivated developer from Kenya, with a Bachelor of Science degree in Computer Science with a specialization in Artificial Intelligence. Possessing a strong foundation in programming and a passion for full-stack development, I am eager to leverage my skills and knowledge to contribute to a dynamic team environment.

Below I provided a brief overview of my top skills and experiences however, this is by no means a exhaustive list. In addition to whats listed below id like to highlight my knowledge of industry best practices including my experience working with Agile and Scrum methodologies.

Backend

★★★★☆ Java
★★★★☆ .Net
★★★★☆ NodeJs
★★★☆☆ Rust

Frontend

★★★★☆ React + Typescript
★★★★☆ GraphQL
★★★★☆ Angular
★★★☆☆ Solid

DevOps

★★★★☆ Azure
★★★★☆ G-Cloud
★★☆☆☆ Git
★★☆☆☆ Terrafom
★★★★☆ Docker
★★★☆☆ MSSql
★★★☆☆ PostgreSQL
★★★☆☆ InfluxDB
★★★☆☆ Neo4j

Data & AI

★★★½☆ Python, Machine Learning, Forecasting...
★★☆☆☆ Linux

Mobile

★★★½☆ React Native
★★★☆☆ Flutter

Favorite Projects

2023 **Youth Council Project**
Developer · KdG
The Youth Council Project is a web application that allows young people to express their ideas on how to improve their community, Created as a multi-tenant system with each municipality in belgium having the ability to create and manage their own youth council site.

2023 **Tech-Topia Themepark**
Developer · KdG
I designed a comprehensive theme park management software, encompassing features like visitor ticketing, ride check-in systems, and weather-based forecasting for visitor traffic. To enhance the visitor experience, I also built a front-end project replicating a theme park's information system. During backend development i utilized spring-boot, as well as a microservice architecture(hexagonal)

2024 **The Machine Learners**
Developer · KdG
This project tackles the Cartpole and Frozen Lake problems using both tabular and deep learning approaches. The Cartpole environment, where an agent learns to balance a pole on a moving cart, is solved with a Deep Q-Network (DQN) implemented in TensorFlow, achieving success in under 1000 episodes (training iterations) on CPU alone.

2024 **TuhBehHuh**
Developer · KdG
This project analyzes air quality (pollution, pollen), traffic, weather, and dust, guiding you on safe outdoor activities. Set custom notifications for anomalies, forecasts, and historical data, even monitor other locations! It fosters community by notifying you of air quality anomalies and inviting you to share insights. This project operates as an ML-Ops pipeline, continuously analyzing live sensor data across Europe for anomalies and ensuring data quality.

Publications (Hint: Click on Article)

2024 *Third Life: Simulating Reality*, Karel de Grote.

References

Ag-Solution **Stephanie Cauwenbergh**
HR Director ·
Number: +32 491 288 524
Email: stephanie.cauwenbergh@agsolution.be

Ag-Solution **Nils Alves**
Team Lead ·
Number: +351 914 663 188
Email: nils.alves@agsolution.be

Paul Ashioya · Antwerpen · +32 456036814 · john.ashioya@gmail.com