



Edwin Agyemang

Automation Engineer

Profile

I am an enthusiastic and versatile person. This is reflected in my many varied experiences. As an open-source developer, I am always learning new things. For me, using the cloud and languages like Python is the ultimate cutting edge that I want to settle into. Furthermore, I am also very interested in machine learning.

Employment History

Automation Engineer at ASML, Eindhoven

April 2022 — Present

As a DevOps Engineer at ASML, I am integral to optimizing software development and deployment processes. My focus involves implementing automation solutions using Ansible, Python, FastAPI, Bash, HTML, and JavaScript. I collaborate with cross-functional teams to streamline workflows, improve system reliability, and optimize infrastructure.

Noteworthy achievements include automating manual processes during infrastructure platform deployment at a customer FAB, creating features for new tenants, and bug fixing using Ansible and Python. Python is crucial for automation and developing custom Ansible modules.

Additionally, our team industrialized an application to calculate customer resource needs, saving millions and providing insights into platform resource utilization. This application, written in Python (FastAPI), employs standard JavaScript, HTML, and CSS.

Migration Engineer at Dutch Police (through Sogeti), Utrecht

May 2021 — March 2022

At the police, I joined a team dedicated to immigration matters, focusing on maintaining a crucial information database. The primary project involved migrating to PostgreSQL, requiring seamless collaboration within the organization and with international partners to maintain accessibility across borders.

In this multifaceted endeavor, I played a pivotal role in ensuring the successful transition to the new database system. My responsibilities included navigating complex challenges, facilitating effective cooperation among diverse teams, and fostering collaboration with international counterparts.

Platform Engineer at ASML (through Sogeti), Eindhoven

April 2020 — March 2021

During my secondment at ASML via Sogeti, I contributed significantly as a member of a six-person team tasked with designing, testing, and

Details

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Date of birth

03-09-1991

Nationality

Nederlands

Skills

Python

Ansible

Linux

API's

Azure

Git

SQL

JavaScript

Languages

Dutch

English

Twi

Links

[Github](#)

[Linkedin](#)

implementing a new platform for hosting applications from different teams.

Involved in the project from its inception, I played a key role in creating and implementing designs, tests, and features from scratch. The technologies used for setting up the platform included DCOS, Python, and Ansible. In my capacity as one of the developers, I played a crucial role in the successful development and deployment of the new hosting platform.

Migration Engineer at KPN (through Sogeti), Zoetermeer

January 2020 — March 2020

As a Migration Engineer at KPN, I played a critical role in ensuring the smooth transition of phone numbers for supermarket clients to our advanced VoIP system. In this remote position, I showcased expertise in telecommunications and meticulous attention to detail.

My responsibilities involved logging into Fritsboxes, executing the porting process, and ensuring the successful migration of phone numbers. Through effective coordination and communication, I played a key role in updating and optimizing the telecommunications infrastructure for our supermarket clients, thereby contributing to the overall success of KPN's migration projects.

Data Engineer at Eneco (through Sogeti), Rotterdam

September 2019 — December 2019

As a Data Engineer at Eneco, I played a pivotal role in the successful setup and implementation of a Cassandra database, adhering to Eneco's strict security specifications. This collaborative project involved Eneco, Cloud Center of Excellence (CCoE), and Sogeti. As the primary person responsible for communication and implementation, I demonstrated high technical expertise and effective coordination.

My responsibilities extended beyond technical aspects, encompassing thorough documentation aligning with Eneco's security standards. I also led the handover process to the team in India, ensuring a seamless transition of knowledge and operations. Throughout the project, active engagement with Eneco's Cloud Center of Excellence and Sogeti fostered collaboration, aligning project goals with organizational objectives.

My role was instrumental in bridging communication gaps, and ensuring implementation met Eneco's standards for security and efficiency. Post-project completion, I earned certification as a Cassandra developer, showcasing my commitment to industry best practices. Joining Eneco allowed me to contribute to a joint venture, enriching my technical skills and highlighting proficiency in effective communication and collaborative project implementation.

IT Migration Engineer at RIVM (through Sogeti), De Bilt

June 2019 — December 2019

As a Migration Engineer at RIVM, I played a pivotal role in a transformative project alongside a Sogeti team, orchestrating the migration of nearly 2000 employees to a new system. The

Hobbies

I engage in various hobbies to maintain a healthy and active lifestyle. Basketball, soccer, and running are activities I particularly enjoy. As part of my commitment to a balanced lifestyle, I set a daily goal of achieving 10,000 steps. Additionally, I find great enjoyment in sim racing, further adding to the diversity of my interests. These activities not only contribute to my physical well-being but also provide a mix of competitive and recreational pursuits that enrich my overall lifestyle.

comprehensive task involved seamless system installations, resource distribution, and educational sessions for a smooth transition.

Engaging with stakeholders, I addressed departmental needs, provided user support, and meticulously documented processes. Through effective project management, the successful execution of this migration not only upgraded RIVM's technological infrastructure but also significantly enhanced workforce productivity and efficiency.

The project marked a substantial achievement, showcasing my ability to lead large-scale transformations, engage stakeholders effectively, and contribute to the overall improvement of organizational processes and technology.

Instructor at Olympia (through Sogeti), Hoofddorp

April 2019 — May 2019

In my role as a Microsoft Teams Instructor/Presenter and System Migrator at Olympia Uitzendbureau, I led a transformative initiative with Sogeti to enhance the use of technology among employees. Our objectives included updating and training Olympia's workforce across multiple branches in the Netherlands on Microsoft Teams.

Conducting engaging training sessions, I ensured employees were proficient in Teams' features, fostering a smooth transition to the new system. Orchestrating the migration seamlessly, my dual role required deep Microsoft Teams knowledge and effective presentation skills. Navigating various branches across the country emphasized the importance of punctuality, enhancing soft skills in communication, adaptability, and stakeholder engagement.

This experience not only elevated Olympia's workforce's technological proficiency but also positioned Microsoft Teams as a central tool in daily operations, marking a transformative milestone in my professional development.

Python Developer at Telemos ICT Solutions Group, Woerden

January 2018 — February 2019

As the sole experienced Python Developer at Telemos, my role was pivotal in maintaining and improving critical applications central to the company's operations. I oversaw and enhanced the Django application dedicated to the ordering process of custom-sized roller blinds for major clients like Gamma and Praxis. A significant challenge involved maintaining and updating the company administration program, utilizing Django for the backend, and featuring a JavaScript frontend.

Despite the unique position of being the lone Python Developer, I navigated these complexities with determination and proficiency. Daily tasks included immediate maintenance needs, updates, and improvements to both applications. Despite the challenges, I successfully sustained and enhanced functionality while focusing on refining documentation for streamlined future maintenance.

My contributions directly impacted business processes, enhancing overall efficiency and customer satisfaction for clients like Gamma

and Praxis, showcasing my commitment to maintaining application integrity and implementing user experience enhancements.

Software Engineer at ByDeHand.com (Internship), Amsterdam

September 2017 — January 2018

In my role at BydeHand, a dynamic startup, I played a pivotal role as the key developer responsible for creating a versatile chatbot tailored for basic customer service inquiries. Utilizing Python, I crafted an algorithm enabling the bot to intelligently decipher user queries' keywords, mapping them to predefined answers and enhancing conversational capabilities.

Notably, the chatbot extended beyond typical customer service roles; it dynamically assessed and recommended the most suitable health insurance based on user responses to a series of questions. This personalized approach considered variables such as income, dental, physio, and mental wellness, providing tailored insurance recommendations.

My contribution showcased technical proficiency in Python programming and a strategic understanding of user-centric functionalities, aligning with BydeHand's commitment to innovation in customer service solutions. Unfortunately, the startup no longer exists as of the last available information.

All round Support at Hostnet BV, Amsterdam

June 2014 — July 2016

In my role as IT Support at Hostnet, I served as the first line of support, playing a crucial role in assisting customers with a broad spectrum of hosting products. This involved guiding customers through the setup of websites, domains, emails, and various hosting products, including virtual private servers. Leveraging my expertise, I provided support through both phone and chat channels, ensuring prompt and effective resolution of customer queries.

Beyond technical assistance, I actively engaged in administrative tasks, including helping customers with invoices. This multifaceted role showcased my proficiency in customer service, technical troubleshooting, and the ability to handle diverse tasks within the hosting environment. My dedication to delivering exceptional support contributed to Hostnet's commitment to providing a seamless and customer-centric hosting experience.

Helpdesk Administrator at Roche Diagnostics (Internship), Almere

January 2014 — July 2014

In my role as an IT Support Specialist at Roche Diagnostics, I played a pivotal role in providing comprehensive IT assistance to employees, addressing various general IT inquiries, and ensuring smooth day-to-day operations. I spearheaded a significant migration project, transitioning the company to iPhones, showcasing attention to detail and commitment to maintaining high-quality IT infrastructure.

Beyond support, I implemented wireless connectivity for the Finance department, configuring Cisco endpoints, strategically placing access

points, and optimizing network performance. Technical expertise and project management skills were evident as I presented the iPhone migration project, effectively communicating benefits and processes.

An exciting aspect was representing Roche Diagnostics in Spain during the annual football tournament, achieving first place and highlighting teamwork and sportsmanship. My multifaceted role underscored my ability to navigate diverse IT challenges, contribute to strategic initiatives, and actively participate in the vibrant company culture at Roche Diagnostics.

Education

Bachelor of Engineering (B.Eng.), Managementinformatica /Bedrijfsinformatiesystemen · (2011 - 2015), Bachelor of Engineering, Amsterdam

January 2011 — January 2015