

BALANKE JOSEPH HERVE

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SUMMARY

I am a motivated software developer, well-equipped with fundamental skills to support organizations in their digital transition. I possess a strong passion for leadership and a commitment to continuous learning, seeking opportunities to further develop expertise, gain hands-on experience, and advance within the IT industry. I am eager to contribute, learn, and grow while making significant contributions to organizations undergoing digital evolution.

EMPLOYMENT HISTORY

- **Digital Transformation Trainee at Digital Society School** **Amsterdam, Netherlands**
 - *Second Traineeship Period (February 2024 – Present)*

Working on the development of a talent mapping tool across Europe and Africa to foster collaboration and exchange of culture and know-how in between the continents. My contribution so far includes:

 - Gathering data on talent pools, skill sets, industries, and cultural aspects relevant to both continents.
 - Analyzing demographic trends, economic factors, and labor market dynamics to identify opportunities and challenges.
 - Using research to validate the concept of talent mapping tool and refining the approach.
 - Utilizing artificial intelligence and machine learning techniques to analyze large datasets and to uncover patterns and insights.
 - Engaging in design thinking sessions to empathize with users and stakeholders and understand their needs and pain points.
 - Embracing SCRUM methodology for agile project management, focusing on iterative development, collaboration, and flexibility.
 - Participating in diversity and inclusion workshops, fostering an understanding of inclusive workplace practices.
 - *First Traineeship period (September 2022 – January 2023)*

I participated to the development of an interactive digital platform aimed at motivating and inspiring young Dutch individuals to actively participate in football on local pitches. This initiative aimed to leverage gamification strategies to enhance engagement and promote physical activity among the target demographic. My contributions in this traineeship are as follow:

 - Conducted comprehensive research to establish the viability and effectiveness of gamification in encouraging youth participation in football.
 - Collaborated with a multidisciplinary team to conceptualize the digital gamified football experience.
 - Managed sprint planning, daily stand-ups, sprint reviews, and retrospectives, ensuring adherence to SCRUM methodology.
 - Contributed to the implementation of gamification elements, user engagement strategies, and integration with football-related content to create an immersive experience.
 - Conducted user testing sessions to gather feedback and iteratively refine the gamified solution based on user insights.
- **Back-end developer intern at Orange Digital Center** **Douala, Cameroon**

May – August 2022

As a Back-end developer at Orange Digital Center, I contributed significantly to the development and enhancement of both e-commerce and medical applications, showcasing expertise in analyzing requirements, designing functionalities, creating UML diagrams, and developing APIs using Java Spring Boot. My contributions in this internship are as follow:

 - Collaborated closely with stakeholders to ensure alignment between business needs and technical specifications.

- Led the design phase, translating gathered requirements into functional designs
- Utilized Unified Modeling Language to create detailed diagrams to visualize system components and interactions.
- Implemented RESTful APIs, ensuring adherence to best practices, scalability, and security measures.

SKILLS

- **Programming:** Python, SQL, NoSQL
- **Data modeling:** Entity Relationship Diagram, Relational Model, Database Normalization (1NF, 2NF, 3NF)
- **Data Integration:** CI/CD pipelines, APIs
- **Relational databases:** MySQL, Oracle 10g
- **AI and Big Data tools:** Scrapy, Scikit-learn, Textblob, Apache Spark
- **Cloud computing:** Amazon EC2, Amazon S3, AWS Lambda
- **Design technologies:** Extract, Transform, Load (ETL), Unified Modeling Language
- **Operating systems:** Windows, Linux
- **Development Approach:** Scrum, DSDM

EDUCATION

- **MSc in Information Technology at Jain University** **Bangalore, India**
2017 – 2019
- **BSc in Business Information Technology from University of Greenwich** **Accra, Ghana**
2013 – 2016

CERTIFICATION

- **Digital Transformation Intense Program at Amsterdam University of Applied Sciences** **Amsterdam, Netherlands**
January 2023
- **Scrum Fundamentals Certified by SCRUMstudy - Accreditation Body for Scrum and Agile**
May 2022

ACHIEVEMENTS AND AWARDS

- Presentation and publication of the paper entitled "Extension of the Lexicon Algorithm for Sarcasm Detection" on IEEE journal in 2019
- Third rank holder (M.Sc. IT) for the year 2019 at Jain University
- Co-author on the topic "The Lexicon based sentiment Analysis and Sarcasm Detection on Luxury Brands" at The Mystique of Luxury Brands Conference 2018 in Singapore
- Best student (L6BIT) for the year 2016 at IPMC college of Technology
- Vice-president of the Student Representative Counsel at IPMC College of Technology