Anthony Okala

IT Consultant & Software Engineer

Ø=Üç asok.va20@gmail.com | Ø=ÜÞ +49 176 77016856 | +49 1520 3593729 | Ø=ÜÍ Zapfenweg 18, 60120 Halle (Saale), Saxony-Anhalt, Germany linkedin | Ø=Ý github | Ø=Ý gitlab

Professional Summary

With over 10 years of expertise in automation, software development, machine learning, and safety-critical systems. Specializing in Java, Python, JavaScript, TypeScript, PHP, and modern frameworks such as React, Django, Spring Boot, and Laravel. Expert in UiPath, KNIME Analytics, and Power Automate. Fluent in English, German, and French, Currently serving as IT Consultant at DB Regio AG, I specialize in developing automation solutions as y Python—and ViPath, activelying 80% reduction in manual effort with a goal to reach 99% automation. I'm also the Co-Founder & CEO of ASOK Solutions Engineering SARL. My expertise spans across RPATASCIOPATHON STACK web development, software development, machine learning, and system and the control of the control

Software Developer Achelos GmbH | August 2021 - August 2023

Guidelight Mile Stiff all the Ciff of the Scientiff Mile in the Spirit of the Spi

PA Developer B Regio AG | August 2021 - June 2022

Working Student - Software Developer

ava • Spring Boot • Spring MVC • JavarX • Oracle SQL • Sonit • SlikA • Bamboo

Byth Millian Straight Blood Branch (Bamboo for CI/CD, SonarQube for QA, Miro for digital team

kanban board, Zoom and MS Teams for remote collaboration

reelance Work

OKAS FLD - Drive & Delivery Services Business Website Project 12025

Modern business website for OKAS FLD (drive & delivery services). Built with Next is (App Router), TypeScript,
• Band Bailward, responsive, 3520 optimized, and 108% (DE/EN/FR) beloved from GitHub to Render.com with a

Aston design rin AWS Rout Web Application

Comprehensive web application aimed at enhancing enterprise advertisement. Integrated multiple technologies

• Brevis or Description of the comprehensive of

Local Jenkins Container in VS Code Dev Container

Professional CI/CD development environment with Jenkins configured for Django projects using VS Code Dev

ivantes Humanitas Web Application

Django-based web application for Vivantes Humanitas e.V., enabling efficient management of volunteer.

• Betrappespas Estated to the state of the st

Pentak SARL International - Enterprise Web Application

Web application using Laravel/Lumen to manage business operations for a friend's company.
• Cripatericate a asplicaterrace ingith arbive in the heliatornian age, bus spessoon a friend's company
PHP • Laravel • Lumen • PHP - Blade • HTML • CSS • JavaScript

Offer Comparison Web Application

Laravel/Lumen-based application to compare online offers, allowing users to make informed purchasing.

• United and Carlot and Carlo

Restaurant Management Application

Laravel/Lumen-based system to streamline restaurant operations, including inventory tracking and order • Bollaboratevelemorely based systematic streamgedecoes average operations, Git • Git + Git + Goom order management

Hairstyle Business Web Application Initiative with Friends | 2018 - 2019

Express. is web application to support a friend's hairstyle business by enabling appointment booking and

• Decreption of the province of the

CSK Student Association Web Application

Web application for the CSK student group at TU Clausthal, facilitating event management and communication

• Designed evelops sent to an web union location North is CS besident and up rac Condova for land in a location websit in the condova of the management and communication among members

Private Tutoring in Computer Science

Conducted private tutoring sessions to help students master programming languages and databases, focusing
• Eocusted and provided a students of the language o

Academic Work

Master's Thesis: End-to-End Learning System for Autonomous Drone Navigation

This project aimed to revolutionize autonomous drone flight by implementing a cutting-edge end-to-end (E2E) supervisors: Prof. Dr. Andreas Raysch, Dr. Andreas Raysch,

This project focused on analyzing safety-critical systems, with a particular emphasis on drones. As inherently supervisors: Prof. Dr. Andreas Raysch, Dr. Adina Aniculaese, safe the project for the project of the proj

Bachelor's Thesis: Software Architecture Management in the Automotive Sector

This project centers on Model-Driven Software Development (MDSD), a cutting-edge approach to achieving supervisors in the project of the proj

This project involved the development of a smart beer bar management system designed to enhance user supervisors: Benjamin Fischer, yong wang, Prof. Or. Andreas Bausch expensively the project of the pr

This project focuses on developing an electric vehicle simulator to address key challenges such as range supervisors: Meng Zhang Limit And Holland Changes of the state of th

Notable Project: Parking Management System Technical University of Clausinal 2013 - 2018

This project addresses the growing challenge of finding parking in crowded urban areas while contributing to Supervisors: Meng Znang.

the a threat threa Notable Project: Graph Patabase Comparison

This project involved a comprehensive performance comparison between two leading NoSQL graph databases:

Neo The last the project in the comprehensive performance comparison between two leading NoSQL graph databases:

Neo The last the project involved a comprehensive performance comparison between two leading NoSQL graph databases:

Neo The last the project involved a comprehensive performance comparison between two leading NoSQL graph databases:

Neo The last the project involved a comprehensive performance comparison between two leading NoSQL graph databases:

Neo The last the project involved a comprehensive performance comparison between two leading NoSQL graph databases:

Neo The last the project involved a comprehensive performance comparison between two leading NoSQL graph databases:

Neo The last the last the project involved a comprehensive performance comparison between two leading NoSQL graph databases:

Neo The last the la

 Sollersienededeviellooitkkyrivientra And hienersiela And And Orac centrolisies since servinik and the property for a Rose Airsim o Drone Systems o Research pesturio bidiat bilinda de depirat de strogent per rimental setups

Research Assistant Technical University of Clausthal | 2014 - 2018

Education

Master of Science in Computer Science lechnical University of Claustrial | 2018 2024

Thesis: End-to-End Learning System for Autonomous Drone Navigation

Polsi Python Pandas TensorFlew Keras Air Sim Git GitLab
Key Acrilevement: Developed an autonomous drone navigation system reaching level-4 navigation features.
Thesis: Software Architecture Management in Automotive Sector
Completed Coursework: Automation Engineering, Embedded Systems Modeling
Tools: Java Eclipse: UML GMF/EMF
Risonal Crowds: Automation Python, Pandas, Keras, and Scikit-learn through academic projects.
Key Achievement: Designed and implemented a custom software architecture tool supporting Model-Driven
Location: Cameroon
Architecture for safety-critical systems.
Additional Achievement: Learned German language after graduation and obtained the highest language level
Completed Coursework: Software Engineering, Distributed Systems, Database, Embedded Systems, Logic and
certificate.

Personal Growth: Proficient in Java. UML. and GMF/EMF modeling for tool development

Personal Growth: Proficient in Java, UML, and GMF/EMF modeling for tool development.

dava gavaQoripi Type Script

Frameworks & Tools
on aun
Spango
Spring Doot
Boxt.js
Learave
Tenson low

Database Posigle Gal Oldele Gal Sacke niangobb

DevOps & Cloud

Oit Pognor iălăăeu Scurius

Featured Projects

RPA Automation Solutions

Developed tomprehensive automation solutions using Python and UiPath, achieving 80% reduction in manual effort for detaprecessing and visualization tasks.

Modern business website built with Next.js, TypeScript, and Tailwind CSS. Features responsive design, multilanguage support and professional LIVIIX

Dijango-based well application for Vivantes Humanitas e.V., enabling efficient management of volunteer registrations and activity tracking twebsite

Professional businesswebisite for Pentak Sarl International, featuring modern design, responsive layout, and comprehensive company information.

Endro-End Learning System for autonomous drone navigation using Python, TensorFlow, and AirSim simulation, achieving Level 4 navigation capabilities.

©ustomisoftware architecture tool supporting Model-Driven Architecture for automotive sector, improving development efficiency in pafety critical systems.

Remustrative cross platform insolving applications using TypeScript, React Native Expo, with Java Spring Boot, Python Django, and PHP Laravel backends.