



# VICTOR AKOR

Full Stack Software Engineer || Data Science Engineer

**Experience:** 5 years | **Available:** Now | **Email:** akorvikky@gmail.com |

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**Portfolio Website:** [Victor Akor Godwin - Portfolio \(viczenith.github.io\)](https://viczenith.github.io)

**Linkedin:**

## ABOUT ME



As a dedicated Full Stack Software Engineer and a Data Science Engineer with extensive expertise in JavaScript/Typescript, Python, and Data Science tools highlighted below. I am eager to apply my technical skills across a variety of industries. My experience in developing robust, scalable applications, along with a strong interest in AI tools and APIs, equips me to contribute significantly to innovative projects.

### Key Skills:

**Programming Languages:** Proficient in Python (with Django), JavaScript, and and a bit of C.

**Database Management:** Experienced in SQL (MySQL and PostgreSQL) and NoSQL, adept in database design and optimization.

**Operating Systems:** Comfortable with **Linux** environments and command-line tools.

**System Administration:** [Linux, Shell scripting] - **Web Servers:** [Nginx, Apache]

**Containerization:** [Docker] - **Version Control:** [Git, GitHub]

**Tools & Technologies:** [Proficient in Git, Docker]

**Team Collaboration Tools:** Trello - Slack.

### Data Science Tools:

**Data Analysis:** Experienced in Pandas, NumPy, Matplotlib, Seaborn, and SciPy.

**Machine Learning:** Scikit-Learn, TensorFlow, Keras, PyTorch and XGBoost.

**Deep Learning:** Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs) and Transformers.

**Artificial Intelligence:** Natural Language Processing (NLP)

## EXPERIENCE



**LearnCode, Self Employed** - Full Stack Web Development remote coach - February 2022 - Present

Specialize in teaching web app development online.

**BiZmarrow Technologies [Abuja, Nigeria]** - Full Stack Web & Data Science Engineer  
Instructor February 2023 - May 2024

## FEATURED PROJECTS

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### Project Title: School Learning Platform (Python):

<https://github.com/viczenith/bizmarrow-learning-management.git>

**Technologies Used:** Python( Django), JavaScript, MYSQL, AJAX, HTML, CSS, Bootstrap Framework

- Developed a comprehensive Learning platform backend, focusing on secure and efficient user interactions and staff, student management.

### Project Title: Online Payment System (Python):

<https://github.com/viczenith/Online-Payment-System.git>

**Technologies Used:** Python( Django), JavaScript, PostgreSQL, HTML, CSS, Bootstrap Framework

- Developed a comprehensive security layer, focusing on SQL injection, cross-site request forgery (CSRF) to prevent common security vulnerabilities
- Developed a comprehensive web services, focusing on Service-Oriented Architecture (SOA), communication protocol etc, enabling seamless communication and data exchange between disparate components, applications, or systems across the network.

### Project Titles:

#### 1. Food Production Prediction - FAOSTAT Data (Machine Learning):

<https://github.com/viczenith/Machine-Learning---Food-Production-Prediction.git>

- Developed a Multi Layer Perceptron (MLP).
- Predicted the export value of crop products for the next three years (2024 - 2027) from different countries.
- The future values of crops from different countries was gotten from the insight of the old export values.

#### 2. Detecting machine Generated text

<https://github.com/viczenith/Detecting-Machine-Generated-Text---Complete-App-Project.git>

**Technologies Used:** Pandas, Matplotlib, Seaborn, TensorFlow, Keras, etc.

**More Data Science projects...**

### Project Title: Lead Partners Web App Project (Python):

<https://github.com/viczenith/lpcdlimited-complete-project.git>

**Technologies Used:** Python( Django), JavaScript, MYSQL, HTML, CSS, Bootstrap Framework

- Developed a comprehensive web applications and Database Management System

### Project Title: Movie App (Python):

<https://github.com/viczenith/Movie-App.git>

**Technologies Used:** Python( Django), JavaScript, MYSQL, AJAX etc.

- Developed a comprehensive and movie web applications and Database Management System where movies can be posted, and users can watch, rate and drop their comments about the movies.

## COLLABORATIVE PROJECTS:

[Home \(alvahtek.com\)](http://alvahtek.com)

This is a our project catalogue and works handled by us.

## EDUCATION

**ALX Software Engineering Program (Apprenticeship) : Ends by 1 May 2024**

*CS Fundamentals + Specializing in back-end development, algorithms, and systems engineering.*

**TECHWORKINGHUB: 2019**

*Frontend Web Development*

**BiZmarrow Technologies: 2019**

*Vocational | Full Stack Python*

**Benue State University**

*Degree | BSc. Chemistry*

## LANGUAGE SKILLS

English

## ASSOCIATIONS

**StackOverflow:** Member

**JovianCommunity:**

Member **FesCode**

**Community:**

Chairman

## CERTIFICATES & AWARDS

**Best Programmer:** Award | 2022

**Most Valuable Programmer:** Award | 2022

## PORTFOLIO & COLLABORATION

**VictorGodwin:** [Victor Akor Godwin - Portfolio \(viczenith.github.io\)](https://viczenith.github.io)

**Alvahtek:** [Home \(alvahtek.com\)](http://alvahtek.com)

## ABOUT ME

I am a Full Stack Software Engineer and Data Science Engineer with over five years of experience delivering innovative, scalable, and secure solutions. My expertise spans JavaScript/TypeScript, Python, and advanced tools and technologies for web development, machine learning, and system optimization. I am passionate about leveraging cutting-edge technologies to solve real-world problems and drive business success.

### What I Do Best

#### - Full Stack Development:

- Expertise in modern frameworks like React, Next.js, Vue.js, and Node.js for seamless front-end and back-end integration.
- Deep experience in microservices architecture and serverless computing using AWS Lambda, Azure Functions, and Google Cloud Functions.
- Advanced proficiency in Django, Flask, and FastAPI for building high-performance APIs.

#### - Data Science & Machine Learning:

- Advanced predictive analytics, feature engineering, and model deployment using TensorFlow, Keras, PyTorch, and Scikit-Learn.
- Strong expertise in Reinforcement Learning, Deep Reinforcement Learning, and cutting-edge techniques like Transformers and GPT models.
- Data pipeline orchestration using Apache Airflow and Prefect.
- MLOps expertise with tools like MLflow, Kubeflow, and Docker for scalable deployment.

#### - Cloud Computing & DevOps:

- Proficiency in AWS, Azure, and Google Cloud Platform (GCP) for application hosting, data storage, and scalable infrastructure.
- Skilled in container orchestration using Kubernetes and infrastructure automation with Terraform and Ansible.
- Strong understanding of CI/CD pipelines with tools like GitHub Actions, Jenkins, and CircleCI.

#### - Database Management & Big Data:

- Expertise in SQL (PostgreSQL, MySQL), NoSQL (MongoDB, Cassandra), and real-time databases like Firebase.
- Big Data tools such as Apache Spark, Hadoop, and Kafka for processing and analyzing massive datasets.
- Experience with graph databases like Neo4j for complex relational data.

#### - Cutting-Edge Security:

- In-depth knowledge of cybersecurity practices, including OAuth2, JWT, and Zero Trust Architecture.
- Hands-on experience in encryption, authentication protocols, and ethical hacking (CEH-level knowledge).

### Highlighted Projects

- AI-Powered Content Generator: Designed a transformer-based tool for generating high-quality, human-like text content for marketing and content creation.
- Fraud Detection System: Developed a scalable ML-based solution for detecting fraudulent activities in online transactions with real-time alerts.
- Recommendation System: Built a personalized recommendation engine using collaborative filtering and deep learning for e-commerce applications.
- Real-Time Analytics Dashboard: Developed an interactive dashboard using React and D3.js for visualizing key business metrics and trends.

### Why Hire Me?

- Cutting-Edge Expertise: Proficient in the latest tools and frameworks to ensure your project stays ahead of the curve.
- Problem-Solving Mindset: I thrive on tackling complex challenges with creative, data-driven solutions.
- Collaboration & Communication: Proven ability to work seamlessly with teams and stakeholders to bring ideas to life.
- Client-Centric Approach: I focus on understanding your unique needs to deliver results that exceed expectations.

Let's collaborate to transform your vision into reality. Check out my portfolio: [Victor Akor Godwin - Portfolio](https://viczenith.github.io)