

# AKINWUNMI OLUWASEUN O.

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## CAREER OBJECTIVE

To use my software development skills to create value and build innovative solutions that will power the future.

## SKILLS AND ABILITIES

### Technical Skills

- Experience building solutions with Typescript, Python, Rust, Java, C#, PHP, HTML5, CSS3.
- Design and Development of Microservices usingDDD, OOP and Functional Programming principles.
- Backend Development using NodeJS frameworks, Django and Spring Boot.
- Extensive Experience working with SQL and NoSQL databases.
- Experience managing and deploying solutions on AWS, GCP and Heroku Cloud environments.
- Devops on Linux servers using Docker, Kubernetes.
- Experienced setting up CI/CD pipelines with Github actions, Gitlab CI, Jenkins, Ansible...
- Data Analysis using Numpy, Scipy, Jupyter notebooks.
- Experienced working remotely with the Agile methodology.

### Personal Skills

- Knowledge of key Software engineering principles
- Ability to learn and understand new concepts fast.
- Effective use of Initiative and Problem Solving Skills.
- Ability to conduct Research, Analyze and Collect relevant information in a time effective way.
- Good Communication Skills (Written and Oral).

## EXPERIENCE

- **Software Engineer at Achee Technologies Limited** **February 2021 – Present**
  - Architected and Implemented a Modular Domain Driven REST API for portfolio and investment monitoring and tracking at [achee.co](https://achee.co) using the PERN stack.
  - Integrated different external REST API's for payments, portfolio management, Mailing e.t.c.
  - Setup deployment pipelines for different systems on Digital ocean using github actions.
  - Setup monitoring and alert system with ELK stack and pagerduty.
  - Integrate, Collate and Analyze data for Operations using Mixpanel, Excel, Pandas e.t.c.
  - Technologies used: TypeScript, Postgres, Express Framework, Redis, S3, Digital Ocean droplets and database, Github actions, Ansible, Jenkins, NGINX, ELK stack
- **Software Engineer at Chaka Limited** **February 2019 – September 2020**
  - Worked on developing the backend for a stocks trading platform ([chaka.ng](https://chaka.ng)) for trading stocks listed on the NYSE, NASDAQ and the NSE using the PEVN stack.
  - Participated in the planning, ideation and development of the MVP.
  - Integrated different external REST API's and created APIs for websites using Selenium.
  - Setup deployment pipelines for different systems on Amazon EC2 and S3 using Jenkins
  - Worked on migrating the codebase from Javascript to TypeScript.
  - Development and Development of Hotfixes for critical production bugs
  - Worked on an Enterprise version of the Backend using Java Spring and MSSQL.

- Collated and Analyzed data for Operations using Mixpanel, Excel, Pandas e.t.c.
- Technologies used: TypeScript, Postgres, Express Framework, Selenium, Redis, EC2, S3, RDS, Gitlab, Terraform, Ansible, Jenkins, NGINX, Java Spring, MSSQL, Trello, Papertrail, ELK stack
- **Fullstack Software Engineer at Citiserve Limited** **August 2018 – September 2020**
  - Built the API backend and Progressive Web App for a Field Management App using Django and Vue.
  - Deployed and managed the Backend on GCP Compute Engine and Cloud SQL
  - Setup CI/CD using gitlab for the API Backend and Netlify for the frontend
- **Software Developer at ngDecides polls** **April 2018 – August 2018**
  - Built a PWA using vanilla JS
  - Worked on a Election polling solution using Django Framework
- **Instructor at IEEE Unilag programming classes** **May 2017 – September 2017**
  - Taught Python programming language to beginners
  - Taught web development using the Python Flask framework
- **IEEE Extreme Programming Competition** **October 2015**

University of Lagos, Lagos, Nigeria.  
4th Place, Nigeria Region.
- **Litter Detection and pickup robot (Final Year Project)**

A litter pickup robot for Plastic bottles in a mapped indoor environment.  
Worked with the Robot Operating System (ROS), OpenCV and other Computer Vision Libraries.
- **Graph Plotting Windows Desktop Application**

Windows Forms application using C#, for drawing graphs.

## EDUCATION

- **Data Science Nigeria Bootcamp Completion Certificate** **October 2017**

Data Science Nigeria Bootcamp
- **B.Sc. Systems Engineering** **2012 – 2017**

University of Lagos, Lagos Nigeria.

COURSEWORK:     Programming Languages, Algorithms and Data Structures, Robotics, Artificial Intelligence, Game Theory, Modelling and Simulation, Special Analytical Techniques, Electronics Fundamentals, Operations Research, Industrial Engineering, Engineering Materials, Control Theory, Differential Equations, Technical Communications, Applied Statistics ...
- **MICROSOFT CERTIFIED PROFESSIONAL** **May 2010 – April 2011**

NIIT Abeokuta Centre, Nigeria.

## INTERESTS

Blockchain, Compilers, Artificial Intelligence, Data science and Machine learning, Computer vision, Stocks Trading, Psychology, Technology, Start-up Entrepreneurship, Economics, Fitness, Competitive Programming, Creative Writing, Chess, Science-Fiction.