



# Donatus Okechukwu Ajaezu

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## Summary

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I am an expert in building and maintaining data processing mechanisms and website functionalities, specializing in server-side software, SQL databases, back-end logic, APIs, architecture, and server management. I create websites and applications using Flask, Django, and web technologies like HTML, CSS, and JavaScript. As an experienced Android Developer proficient in Kotlin, I have a strong track record of delivering high-quality mobile applications, optimizing app performance, and understanding the Android lifecycle. My background in agile project management, product development, optimization, design, and DevOps equips me with the skills to streamline development processes, foster collaboration between teams, and automate deployment pipelines for efficient and reliable software delivery.

## Education

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**08/2012 – 07/2017**    **Chukwuemeka Odumegwu Ojukwu University, Uli, Nigeria**  
Mechanical Engineering (Bachelors in Engineering)  
GPA – 4.39/5.00

**06/2004 – 06/2010**    **Kabe College, Amawbia, Nigeria**  
West African Examination Council (WAEC)

## Experience

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**07/2022 – 10/2023**    **Software Engineer**  
**Solej Global (Remote)**

- Developed websites and web applications using Flask and Django web frameworks, along with web technologies such as HTML, CSS, and JavaScript.
- Worked on various backend micro-services enhancements using Flask and the Django web framework.
- Managed databases, specializing in SQL.
- Played a pivotal role in the core infrastructure team, responsible for designing, developing, and maintaining REST APIs and their integration into Android applications.
- Supported over 12 client applications used globally by implementing Continuous Integration and Continuous Delivery (CI/CD) practices.
- Demonstrated proficiency in scripting languages like Unix and Bash for configuration purposes.
- Actively participated in making architectural decisions and refining technical solutions.
- Optimized websites for improved speed and performance, enhancing the overall user experience.
- Provided technical support to clients to facilitate the usage of applications.
- Conducted testing and debugging to ensure the reliability and functionality of software solutions.

**08/2019 – 07/2022**    **Web Developer**  
**OBIANEKS Investment Limited, Lagos, Nigeria**

- Designed, developed, successfully launched, and maintained websites and applications for diverse clients using Amazon Web Services.
- Set up continuous integration, significantly improving my team's efficiency.
- Conducted data modeling and visualization tasks.
- Assessed data quality using Excel and Word.
- Ensured high code quality through rigorous code reviews.
- Recommended process updates and prioritized requirements/enhancements for the business after diagnosing IT issues and categorizing problems into business and technical topics.
- Provided technical support to clients to enhance the ease of using the applications we built.

**08/2015 – 02/2016    Internship (Automotive)**  
**Trinity Scientific Automobile (Eddy Motors), Anambra, Nigeria**

- Tested new automotive systems using the Python programming language.
- Worked on powertrain division and simulation tasks using the Python programming language.
- Conducted troubleshooting and vehicle diagnostics using software tools like OBD2 scanners.
- Engaged in automotive engineering processes, utilizing computer programs such as MATLAB and AutoCAD.
- Designed and implemented complex algorithms and approaches to address engineering and product-related challenges.

## Software Skills

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<b>Microsoft Office:</b>	Word, Excel, Power Point, MS Project
<b>CAD/Design:</b>	AutoCAD, Solidworks, Matlab
<b>Graphics Design:</b>	Html, CSS, Corel Draw, Photo Paint
<b>Programming Languages:</b>	C, Javascript, Kotlin, Python, SQL

## Trainings/Certifications

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- Cs50(Free Havard Course)- Introduction to Computer Science
- Saylor Academy- Introduction to Modern Database Systems
- HackerRank- Python, SQL, Problem Solving
- Codecademy- HTML and CSS
- Freecodecamp- Javascript, Kotlin and Scientific computing with Python
- W3school- Python, SQL, and Django Web Frame Work

## Leadership/Voluntary Roles

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- 06/2013 – 05/2017    Team Leader (Formula Student Competition, Silverstone, UK)**  
**Institution of Mechanical Engineers (Nuta\_Bolt Team)**
- Design and Development of Student Race Car to represent the Faculty of Engineering
- 06/2018 – 04/2019    Team Leader (RedCross Nigeria)**  
**Community Development Service (CDS) of National Youth Service Corps**

## Language Skills

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- **Igbo:**            Business Fluent/Native Speaker
- **English:**        Business Fluent/Native Speaker

## Reference

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Available Upon Request



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