

# TAIWO EKUNDAYO SOEWU

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## Summary

I am a software engineer with over 7 years industrial experience in programming and best software practices. I effectively contribute towards the achievement of cooperate objectives in a dynamic, goal-oriented and challenging work environment that encourages learning and personal development

## Most Recent Work Experience

1. Software Engineer, Full stack at *Build with Assembly*, Canada - Remote, Contract. (07/2024 till date)
  - Define, review, communicate and follow development approaches for the technical tasks.
  - Design and develop .NET-based web applications, web APIs, class libraries and services.
  - Build UI components and compose them into applications for multiple browsers.
  - Produce high-quality, low-defect, reusable code that follows the current design patterns and best practices.
  - Help maintain and support the existing solutions, including some of the legacy applications.
  - Work closely and collaborate with a team of developers, architects, business analysts and scrum masters. communicating effectively and working together to reach defined goals and meet deadlines.Projects - Honda Canada Websites and Applications (React Js, C#, .NET, Sitecore, Jira, Kanban)
2. Senior Software Engineer at *TotalEnergies*, Lagos – Hybrid, Contract (08/2023 till date)
  - Designed, coded, and tested software applications using state-of-the-art technologies.
  - Developed, maintained, and enhanced software solutions to meet business requirements.
  - Analyzed and troubleshoot software defects and issues, providing timely and effective solutions.
  - Participated in the design and architecture of software systems, ensuring scalability, maintainability, and performance.
  - Collaborated with cross-functional teams to define software requirements and specifications.
  - Designed and maintained database schemas and wrote SQL queries for data retrieval and manipulation.
  - Implemented security best practices to protect sensitive data and prevent vulnerabilities.
  - Created technical documentation, including system architecture, code comments, and user manuals.Projects - CPNC Electronic Forms (React Js, C#, .NET Core, Azure functions)  
OML58 PROP-TSC - Production Optimisation against TNP Curtailment and Storage Constraints (React Js, Python, FastApi, Azure CosmosDB, Power BI)
3. Software Development Team Lead at *Intelligence Technologies Limited*, Lagos – Hybrid, Fulltime (12/2020 - 08/2023)
  - Led and supervised a team of 5 junior software engineers during the design and development of an upgraded version of some of the company's software applications which resulted in improved user experience and increase in sales.
  - Translated client's specific needs into easy-to-understand software solutions which led to more business sales.
  - Troubleshoot simple and complex technological issues for different assigned projects proficiently.
  - Effectively fixed bugs and optimized overall performance, reliability, and efficiency of software applications by enhancing their features.
  - Utilized standard software engineering practices to develop products starting from ideation, and requirements definition through to development and successful deployment.
  - Provided materials for and engaged in presentation/training for some products after deployment.
  - Provided prompt solutions and proactive troubleshooting support to swiftly resolve subtle and complex issues as the software development team lead.Projects - Nigerian Health Insurance Management app, NHIM (ReactJs, NodeJs, Typescript)  
Corporate Intelligent Payment Management Application, CIPMA (ReactJs, NodeJs, Typescript)  
Vehicles Registration Application, Verra (ReactJs, NodeJs, Typescript)
4. Fullstack Developer at *Innovate Global*, London – Remote, Contract (05/2022 – 10/2022)
  - Worked on the frontend and backend of a cryptocurrency project using microservices based architecture.
  - Engaged in code reviews with peers.
  - Utilized docker, docker containers and AWS cloud for efficient use of system resources.
  - Improved existing python codes for better performance.
  - Utilize version control systems like Git to manage code repositories and collaborate with other team members.Projects - Ultainfinity – A crypto project (Php, Lumen, python, flask)

## Education

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MTech. Machine Learning and Artificial Intelligence, *Lovely Professional University (LPU)*, Punjab, India. (08/2021 - 06/2023).  
Thesis: Automated brain tumor detection using transfer learning and feature fusion. Supervisors: Dr. Ashish Soni & Dr. Harpreet Kaur.  
CGPA: 8.68/10.0

BSc. Computer Engineering, *Olabisi Onabanjo University (OOU)*, Ago-Iwoye, Nigeria. (11/2012 - 10/2017).  
Final Year Project: Design and development of a responsive university research group website.  
CGPA: 4.78/5.0

## Skills

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### Soft Skills

Attention to details, Fast learning, Peer tutoring, Problem solving, Leadership, Team-work, Analytical mindset, Self-organization, Communication and Collaboration, Ability to work on-site or remotely.

### Technology Skills

**Front-end:** HTML, CSS, Javascript (ReactJS), Typescript.  
**Back-end:** PHP (Laravel), Python, C#, ASP.NET, Javascript, Typescript, NestJS.  
**Database:** Microsoft SQL, MySQL, MongoDB, PostgreSQL.  
**Cloud:** Microsoft Azure, AWS, Google Cloud.  
**Others:** Microsoft Office, Version Control Systems, Agile (Scrum), CI/CD pipeline, TensorFlow, PyTorch

## Awards, Honors and Certifications

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- Graduate Student Member: Institute of Electrical Electronics Engineer (IEEE), November 2022.
- Study In India Scholarship Award, August 2021.
- Microsoft Certified: Microsoft Azure Data Fundamentals, March 2021.
- Microsoft Certified: Microsoft Azure DevOps Engineer Expert, February 2021.
- Microsoft Certified: Microsoft Azure Developer Associate, February 2021.
- Saint Louis University Global Graduate Scholarship Award, November 2020.
- Microsoft Certified: Microsoft Azure AI Engineer Associate, September 2020.
- Scientific Computing and Python for Data Science by WorldQuant University, March 2020.
- Graduate Member: Nigerian Society of Engineers, June 2020.
- Member: International Association of Engineers, July 2020.
- Microsoft Certified: Microsoft Azure Administrator Associate, November 2019.
- Microsoft Certified: Microsoft Azure Fundamentals, September 2019.
- Best Graduating Student for the class of 2017, College of Engineering and Environmental Studies, Olabisi Onabanjo University, Ago-Iwoye, January 2018.

## Volunteering and Extracurricular Activities

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- Community Project Phase Supervisor: Google Africa Developer Scholarship, October 2022.
- Member: Google Developer Students Club (GDSC, LPU), 2022.
- MWS Mentor: Google Africa Developer Scholarship, July 2021.
- Mentor: ALC-Microsoft 4Afrika Skillslab, January 2021.
- Microsoft Azure Trainer: ALCwithMicrosoft, June 2020.
- Member: Computer Engineering Students Association (COESA, OOU), 2017.

## Hobbies and Interests

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Researching new technology discoveries, watching ICT documentaries, learning new tools and technologies.

## Referees - Available on request.

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