

Odule Ayanfeoluwa .G. - Web Developer

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PROFESSIONAL SUMMARY

Software Engineer and Web Developer with a focus on building high-performance, AI-driven applications and scalable web architectures. With a rigorous analytical background in Electrical and Electronics Engineering and a 4.62 CGPA, I specialize in bridging the gap between complex backend logic and seamless user experiences. I have a proven track record of delivering production-ready solutions—including a localized TTS server for 80 million Hausa speakers and real-time communication platforms—and was recently recognized as a Top 12 Finalist in the Codefest 2025 Guinness World Record-attempt global hackathon.

HONORS & KEY ACHIEVEMENTS

- B.ENG Electrical and Electronics Engineering | 2022 – 2026 (In Progress) Federal University of Agriculture, Abeokuta (FUNAAB)
 - Current CGPA: 4.62 / 5.00
- Guinness World Record Attempt (Codefest 2025): Participated in the world's longest online hackathon attempt, competing as part of a two-person team.
- Top 12 Finalist: Selected as one of the top 12 teams out of a massive competitive pool for the development of GANI, a voice-driven AI assistant for Hausa speakers.

TECHNICAL SKILLS

- Programming Languages: Python, JavaScript, TypeScript, Golang, Solidity.
- Frameworks & Libraries: React, Next.js, Django, Django Rest Framework, Flask, Scaffold Eth.
- Frontend Technologies: HTML5, CSS3, Material-UI (MUI), Tailwind CSS.
- AI & Tools: Google Cloud TTS, Gemini AI, Docker, Redis, WebSockets, Amazon S3.

PROFESSIONAL EXPERIENCE

Freelance Web Developer | Self-Employed

November 2024 – Present


- Designing and deploying full-stack web solutions for various clients, focusing on scalability and performance.
- Integrating AI features such as Large Language Models (LLMs) and Text-to-Speech (TTS) into web applications.
- Managing the end-to-end development lifecycle, from initial requirement gathering to cloud deployment.

Web Developer | Tanta Innovatives

June 2024 – November 2024

- Developed high-performance, responsive user interfaces for diverse freelance projects using TypeScript and Next.js.
- Collaborated with remote teams to deliver scalable web solutions within tight deadlines.
- Specialized in implementing clean, maintainable code for complex client requirements.

KEY PROJECTS

 GANI: Hausa Voice Assistant (Codefest Hackathon Finalist)

- Developed a Progressive Web App (PWA) to bridge the digital divide for over 80 million Hausa speakers.
- Engineered the TTS Server: Built the text-to-speech infrastructure to convert Gemini-generated Hausa responses into natural audio.
- AI Integration: Leveraged Gemini AI for natural language processing and Hausa-specific response generation.
- Technologies: Next.js, Tailwind CSS, Gemini AI, Flask Hausa TTS.



 Websandbox: Stackblitz Clone

- Created an online web development sandbox for creating frontend projects with integrated HTML/CSS/TS support.
- GitHub: [ogayanfe/websandbox](https://github.com/ogayanfe/websandbox)
- Technologies: Python, TypeScript, Django, React, Webcontainers, Amazon S3.

 Linkup: Real-Time Chat Application

- Engineered a real-time chatroom powered by Django Channels and WebSockets for instant communication.
- GitHub: [ogayanfe/django-chat-application](https://github.com/ogayanfe/django-chat-application)
- Technologies: Python, JavaScript, Django, Redis, WebSockets.

EDUCATION AND CERTICATIONS

- B.ENG Electrical and Electronics Engineering | 2022 – 2026 (In Progress) Federal University of Agriculture, Abeokuta (FUNAAB)
 - Current CGPA: 4.62 / 5.00
- Top 12 Finalist Certificate:  Codefest Nig Hack '25 (Guinness World Record Attempt).
- FreeCodeCamp:  Legacy JavaScript Algorithms and Data Structures.
- FreeCodeCamp:  Responsive Web Design