Dami O. Odulaja

Software Engineer

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C#, SQL, HTML/CSS, PHP, Java

Technologies/Frameworks: Node.js, React, NextJs, Angular, Express.js, FastAPI, .NET, PostgreSQL, Firebase, Git

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EXPERIENCE

Windframe — *June 2023 – Present*

Software Engineer — *Lagos, Nigeria (Remote)*

- Collaborated on the development and maintenance of Windframe, a Tailwind CSS editor serving **15k+ active users**
- Designed generative AI workflows with multiple model integrations and fallback chains using OpenAI, Claude, and Gemini, Node.js SDKs for web UI templates generation.
- Built an MCP server for styles context retrieval in AI-coding agents workflows
- Expanded Windframe's template libraries and implemented support for custom UI libraries imports into the editor.
- Migrated selected backend workloads to a serverless architecture using Cloud Functions, reducing infrastructure costs by **80%**
- Implemented internal workflows, integrations and report tools for errors and data exports notifications

Devwares — *November 2022 – April 2024*

Frontend Engineer — *Lagos, Nigeria (Remote)*

- Maintained and improved Bootstrap-based UI libraries with **100k+ React downloads** and **7k+ downloads across Angular and Vanilla JS packages**
- Led the migration of the React library from JavaScript to TypeScript, introducing type safety and reducing runtime error
- Managed versioning and deployments across React and Angular packages, ensuring **backward compatibility and zero-breaking updates for production users**
- Improved developer experience by maintaining documentation and interactive demo pages, increasing adoption of the libraries

Oaperg Technology — *May 2022 – December 2022*

Software Engineer (Internship) — *Lagos, Nigeria (Onsite)*

- Built the company website and internal CMS app using **Next.js and PostgreSQL**, enabling content management, automated email notification system using **AWS SES**, and job application tracking
- Designed and implemented **role-based access control (RBAC)** for the CMS, ensuring secure access across different departments
- Configured CI/CD pipelines using **Azure DevOps Pipelines** for application deployment to **AWS EC2**
- Managed identity and access for internal engineering and operations teams on Azure Active Directory and AWS IAM
- Led a team of 3 interns in designing the authentication and transformation modules and transformers of an ETL service using **Angular** and **.NET web apis**, with **SQL Server** for data persistence.

EDUCATION

University of Lagos — *Graduation Date: September 2025*

Bachelor of Science in Computer Sciences - CGPA: 4.35/5.0

Relevant courseworks: Data Structures and Algorithm analysis, Software Methodology, Database Design and Management, Artificial Intelligence, Web Development, System Design and Architecture, Computer Architecture, Operating System, Software workshops

PROJECTS

Windframe

- Contributed to the development and continuous maintenance of the AI-powered visual editor for building production grade tailwind css UIs
- Spearheaded the development of the AI workflows and integrations, MCP server, and design-token system

Yoruba NER - News Aggregation and Tagging

- Trained a Named Entity Recognition model for Yoruba language by finetuning pretrained multilingual transformer models using supervised learning
- Implemented a pipeline to extract entities in news articles into metadata for entity-based search and filtering.

UNILAG NITHUB Yoruba NLP

- Curated and cleaned 1M+ Yoruba sentences using Python and PostgreSQL
- Built an annotation tool for NLP tasks with a sentence correction service, data import and export service, and RBAC for annotators, reviewers, and admins

Contrast Design Bootstrap (CDB) UI Libraries

- Maintained, documented and created demo projects for the open-source and pro reusable bootstrap component libraries which include cdbreact, ng-cdbangular, and cdbootstrap

File Search Engine API

- Developed a search engine API using C# and crafted unit tests.

Omart Database Design

- Designed and developed a relational database for Omart Stores, a retail company, for products and employees data analysis