OWOLABI DANIEL

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PROFESSIONAL SUMMARY

Detail-oriented Computer Science graduate with strong IT, web development, UI/UX, and collaboration tool proficiency. Experienced in delivering digital solutions, presentations, and technical support aligned with global development environments.

CORE TECHNICAL SKILLS

Web & Software Development

React · Node.js · Express.js · JavaScript (ES6+) · TypeScript · NestJs · HTML5 · ThreeJS · CSS3 · Tailwind CSS · EJS · REST APIs · UI/UX Implementation · Responsive Web Design · Version Control (Git & GitHub)

Backend Engineering & Databases

Express.js · Node.js · PostgreSQL · MongoDB (basic) · NestJs · Prisma · Authentication (JWT) · API Architecture · Server-Side Rendering · Routing & Middleware · Data Modeling · Query Optimization · Scalable Backend Architecture · Efficient API Structuring · Resource-Efficient Server Design

UI/UX & Digital Design

Figma (Wireframing, Prototyping, UI Layouts) · Canva (Presentations & Digital Assets) · Modern Design Principles · User Flow Mapping · Accessibility-conscious Layouts · Branding Consistency

Productivity & Collaboration Tools

Microsoft Office Suite (PowerPoint, Excel, Word, Outlook) · Microsoft Teams · SharePoint · Zoom · Google Meet · Documentation Management · Presentation Delivery

Testing, Debugging & Quality Assurance

Component Testing · Functional Testing · Debugging React and Node.js Applications · UI/UX Bug Resolution · Performance Optimization · Code Review Best Practices

Deployment & Development Workflow

Render · GitHub Workflow · Environment Management · Continuous Improvement · Project Documentation · API Testing with Postman · CI/CD (GitHub Actions) · Agile/Scrum Collaboration

Performance & Optimization

Bundle Optimization · Caching Strategies (Redis) · Lazy Loading · API Response Optimization · Efficient Rendering in React · Asset Minification/Compression · Frontend & Backend Performance Debugging

Scalable System Design

Scalable Architecture Design · Modular Code Structure · Component Reuse · API Load Handling · Deployment for Growth

Additional Technical Strengths

Responsive UI Architecture · Template & Component Reuse · SEO-Friendly Development · Basic Cloud Deployment Practices · Cross-functional Team Communication

PROFESSIONAL EXPERIENCE

Full-Stack Developer — Workvite (Team Task Manager)

(Portfolio Project | Remote | 2026)

🌐 **Live Application:** https://team-task-manager-p15t.onrender.com

Technologies: React, JavaScript (ES6+), Node.js, Express.js, Firebase Authentication, REST APIs, PostgreSQL / SQL, Prisma ORM, Tailwind CSS, Render, Git, ThreeJS, TypeScript

- Designed and developed a **full-stack web application** for **team collaboration and task management**, supporting organizations, projects, users, and role-based permissions.

- Built a **scalable backend** using **Node.js and Express.js**, implementing RESTful APIs, middleware, controllers, and structured routing.

- Implemented **authentication and authorization** using **Firebase Authentication**, including protected routes, token verification, and role-based access control.

- Designed and integrated **organization and team management workflows**, including organization creation, invite-only membership, and user-role assignment.

- Developed **CRUD APIs** for users, organizations, projects, and tasks, ensuring secure data access and consistent validation.

- Utilized **Prisma ORM and SQL indexing** to optimize database queries and improve application performance.

- Built a **responsive frontend UI** using **React and Tailwind CSS**, delivering a clean, accessible user experience across desktop and mobile devices.

- Implemented **client-side state handling**, loading states, error boundaries, and route guards to ensure stable navigation and data consistency.

- Integrated **deployment pipelines** and environment configuration for production using **Render**, including environment variables and backend/frontend connectivity.

- Debugged and resolved **production issues** related to authentication redirects, routing, and deployment configuration using browser DevTools and server logs.

- Applied **best practices in version control** using **Git**, managing feature development, fixes, and deployment-ready code.

- Independently managed the entire software development lifecycle, including planning, UI design, backend development, testing, deployment, and iteration.

Full-Stack Developer —Portfolio Project

(Remote | 2025 | Production-Ready Web Applications)

🌐 **Live Application: https://portfolio-025z.onrender.com**

- Designed and developed multiple **full-stack web platforms** using **React, Node.js, Express.js, PostgreSQL**, following modern architectural best practices.

- Built scalable backend systems with efficient API routes, structured controllers, middleware, authentication, and **query-optimized PostgreSQL database interactions**.

- Engineered **fully responsive UIs** using Tailwind CSS, ensuring smooth performance and consistency across devices (desktop, tablet, mobile).

- Created professional wireframes and prototypes with **Figma**, converting them into clean, production-ready React components.

- Integrated real-world features such as service booking, customer inquiries, admin dashboards, and secure form submissions.

- Implemented **API testing and debugging workflows** using Postman, ensuring reliable data exchange and stable backend performance.

- Managed the entire project lifecycle requirement gathering, UI design, backend development, testing, documentation, deployment.

- Designed SEO-friendly page structures, optimized bundles, compressed assets, and used caching strategies to improve loading speeds.

- Deployed applications to production using **Render**, configuring environments, uptime monitoring, and database connections.

- Collaborated with clients, delivered demos, collected feedback, and iterated quickly to improve project outcomes.

- Built and maintained your personal **portfolio website**, serving as a central hub for your projects, skills, and professional identity.

Software Developer (Personal & Academic Projects) — Covenant University

2024 | Covenant University, Nigeria

- Completed multiple academic and personal projects using **Java, Python, JavaScript, HTML5/CSS3, Flask, SQL, and PostgreSQL**, strengthening full-stack development fundamentals across backend logic, data management, and frontend UI structure.

- **Final Year Project — DEVELOPMENT OF A LDA-GSAPO ALGORITHM ENHANCED WITH TOPIC COHERENCE FOR SENTIMENT ANALYSIS**

  Designed and developed a **machine-learning–driven customer sentiment analysis system** that collects, processes, and classifies user feedback to generate meaningful business insights. Built using **Python**, **Flask**, **HTML/CSS**, **Scikit-Learn**, **NLTK sentiment analysis**, **NumPy** and **Pandas** the system includes a user-friendly web interface, model-based classification pipeline, and structured data visualization. Implemented version control with **Git/GitHub**, ensured modular code architecture, and documented the full development workflow.
  GitHub Repository: **https://github.com/YB009/CUSTOMER-REVIEW-MODEL**

- Strengthened problem-solving capabilities through intensive work on **algorithm design, data structures, debugging techniques, error handling, and computational logic** within academic assignments and project-based learning.

- Delivered multiple team-based software development tasks using **Git/GitHub** for collaboration, code reviews, branching strategies, and version-controlled project submissions.

- Applied **UI/UX design principles** using **Figma** for interface layout planning and **Canva** for presentation materials, creating visually structured user flows, prototype screens, and clear academic project documentation.

Full-Stack Developer Intern — NUPRC (Nigerian Upstream Petroleum Regulatory Commission)

6 Months | 2023 | Lagos, Nigeria | Government Digital Transformation Support

- Built multiple **demo web applications** using **React, Node.js, Express.js, HTML, CSS**, helping internal teams conceptualize digital modernization initiatives.

- Created intuitive **UI layouts and workflows** using Figma, ensuring clear user navigation and improved accessibility for non-technical staff.

- Delivered professional, well-structured presentations using **PowerPoint, Zoom, Google Meet, and SharePoint**, effectively communicating digital solution concepts to supervisors and cross-department teams.

- Designed clean, visually consistent slide decks in **Canva**, improving presentation clarity and engagement.

- Supported the modernization of internal processes by building **interactive prototypes**, documenting workflows, and organizing shared resources on SharePoint.

- Collaborated with engineers, analysts, and administrative staff to gather requirements, clarify user needs, and translate them into software features and UI components.

- Assisted with debugging and improving UI performance, optimizing rendering, responsiveness, and user experience across demo applications.

- Improved workflow efficiency by creating **standardized templates**, reusable components, and structured documentation for technical and non-technical audiences.

CERTIFICATION & EDUCATION

CERTIFICATIONS

- Cybersecurity Essentials — Cisco Networking Academy *(2024)*

- Responsive Web Design Certification — FreeCodeCamp *(2024)*

- The Complete Full-Stack Web Development Bootcamp — Udemy *(2025)*

EDUCATION

- B.Sc. Computer Science — Covenant University, Nigeria *(2021–2025)*

RELEVANT LINKS

Portfolio Website

LinkedIn Profile

GitHub Link