Muhammad Toyeeb Okunlola

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ABOUT ME

Frontend Software Engineer with a strong interest in user experience. I design and build interfaces that feel simple to use, work smoothly, and support real needs such as accessibility, performance, and long-term maintainability. Skilled in JavaScript, React.js, and TypeScript. Experienced in state management, server-side rendering with Next.js, and responsive UI development using Tailwind CSS and Bootstrap.

EDUCATION & TRAINING

- **M.Sc. (Tech), Software Engineering | University of Turku |August 2025 - Ongoing | Turku, Finland**

- **Bachelor of Science in Information Technology | University of Ilorin | 15/10/2018 - 11/10/2023 | Ilorin, Nigeria**
  - **Best Graduating Student** – Awarded for achieving the **highest CGPA** in the department. (4.56/5.00 CGPA)
  - **Undergraduate Thesis:** Design and Implementation of an Automated Academic Certificate Verification System.

TECHNICAL SKILLS

Programming and Web Technolgies: JavaScript, React.js, TypeScript, Next.js, HTML5, CSS3, SCSS, Tailwind CSS.

State Management: Redux, Redux Toolkit, Zustand, Context API.

API Integration: REST, GraphQL, TanStack Query.

Testing & Performance: Jest, React Testing Library, Web Vitals.

Tools: Git, GitHub, Chrome DevTools, Webpack.

Database: MySQL, Firebase, MongoDB

Language: English (Bilingual), Finnish (A1), Arabic (Basic)

Soft Skills: Excellent communication, problem-solving, time management, creativity, and eagerness to learn.

PROFESSIONAL EXPERIENCE

System Programmer (Frontend Development Focus**)** | Crescent University | 02/2024 – 07/2025 | Abeokuta, Nigeria.

- Developed and managed the university web applications using React.js, Typescript, Redux, and RTK Query to ensure maintainability and improve the quality of code.
- Implemented new UI features and enhancements that improved usability and supported daily workflows for students and staff.
- Collaborated with developers and stakeholders to deliver reliable features following agile development practices.
- Wrote unit and integration tests using Jest and React Testing Library, achieving 85% code coverage and improving application stability.
- Refactored and migrated the frontend build system to Vite, reducing development server startup time by approximately 80% and improving developer's productivity.

Frontend Software Engineer | Global Tech Empire | 14/05/2023 - 11/01/2024 | Lagos, Nigeria.

- Built responsive and user-friendly interfaces for a sales and transaction management system using React.js, Tailwind CSS, Framer Motion.
- Implemented front-end features that streamlined user onboarding and improved overall user flow for business owners.
- Integrated Stripe REST APIs for secure payment processing and subscription management.

- Optimized performance and accessibility using code splitting, lazy loading, and Chrome DevTools, achieving 30% faster page load times and improved keyboard navigation.

SIDE PROJECTS

EarthAngelsFinland – An Event Management Application | TypeScript, Tailwind CSS, Firebase, i18next

- Designed and developed a business-oriented web application for an NGO to manage and publish community events, supporting real operational needs.
- Supported a bilingual, international user base (English/Finnish) through runtime language switching using i18next.

Computerized Transport Management Information System | React.js, Tailwind CSS, Firebase.

- Successfully integrated core functionalities, including trip scheduling, fleet management, and admin dashboard.
- Acquired substantial experience in using firebase and utilizing Framer Motion library to add captivating animation effect enriching the app visual and interactivity.

PROFESSIONAL DEVELOPMENT AND CERTIFICATIONS

- **Agile Project Management – Google** [2025]
- **Evaluating Designs with Users - University of Michigan (Coursera)** [2025]
- **Fundamentals of Software Design and Architecture - Udemy** [2024]
- **Responsive Web Design** [2022]

VOLUNTEERING

Volunteer | Google Developer Student Clubs (GDSC) | Oct 2019 -present | Unilorin, Nigeria.

   - Contributed to GDSC activities by helping organize workshops and providing hands-on support to participants.

Volunteer | Red Cross | November 2025 | Turku, Finland.

   - Donated blood as part of the Red Cross lifesaving initiatives, supporting emergency medical needs.

Volunteer | Heed Association Finland | October 2025 | Turku, Finland

   - Assisted in setting up venues and logistics, including arranging seating, organizing materials, and ensuring a clean and welcoming environment for participants.

REFEREES

Available on Request