



# Muhammad Toyeeb Okunlola

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## ABOUT ME

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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.

Experienced collaborating with cross-functional teams to deliver reliable features that improve usability and product value. Highly motivated, curious, and eager to learn in a fast-paced product-focused environment.

## EDUCATION & TRAINING

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- **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

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**Frontend and UX:** HTML5, CSS3, SCSS, JavaScript, React.js, TypeScript, Next.js, Tailwind CSS, Bootstrap.

**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

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**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**

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### **Computerized Transport Management Information System | React.js, Tailwind, 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.

### **E-Learning Web Application | HTML, Bootstrap, MySQL.**

- Developed an interactive, responsive, and user-friendly digital learning app utilizing HTML, CSS, Bootstrap.
- Designed and managed SQL databases to efficiently store users, courses, and progress tracking.

## **PROFESSIONAL DEVELOPMENT AND CERTIFICATIONS**

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- **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**

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### **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**

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**Available on Request**