



# 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.
- Collaborated with agile teams to deliver AI-driven solutions, data-driven interfaces, and reliable frontend features that improved user flow and product performance.

## EDUCATION & TRAINING

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**Master of Science in 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

## EXPERIENCE

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**System Programmer (Full-time -Onsite)** | Crescent University | 02/2025 – 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 automated unit and integration tests using Jest and React Testing Library to ensure application reliability and achieve 85% code coverage.
- Refactored and migrated frontend codebase to VITE, improving performance and productivity of developers by reducing development server startup time by approximately 80%.

**Frontend Software Engineer (Full-time-Remote)** | Global Tech Empire | 14/03/2023 - 11/01/2024 | Lagos, Nigeria.

- Developed a responsive user interface for sales and transaction management system using JavaScript, React.js, and Tailwind, resulting in a responsive, cleaner user flow and reducing onboarding time for new business owners.
- Integrated payment gateway and subscription management system using Stripe's RESTful APIs, enabling secure transactions and efficient data handling.
- Optimized frontend performance and accessibility using Chrome DevTools, lazy loading, and code splitting, achieving 30% faster page load and smoother keyboard navigation on low-end devices.

## SKILLS

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

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

**Tools:** Git, GitHub, Chrome DevTools, Webpack.

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

**API Integration:** REST, GraphQL, TanStack Query.

**Database:** MySQL, Firebase, MongoDB

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

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

## SIDE PROJECTS

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

- Designed and created a responsive and user-friendly Transport Management system.
- Successfully integrated core functionalities, including trip scheduling, fleet management, and admin dashboard.
- Gained hands-on experience with Firebase, implementing real-time database, authentication, and interactive app features.

### E-Learning App | HTML5, JavaScript, Bootstrap, MySQL

- Built a performant e-learning website that allows users to browse and enroll in digital courses, with a focus on responsive design, fast load times, and smooth navigation, enhancing the overall learning experience and usability.

## 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.

- Contribute 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