

ADEYEMO AYOBAMI PAUL

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Education

MSc SOFTWARE ENGINEERING | University of Hertfordshire | 2024 - 2025 (Expected)

B.Eng. COMPUTER ENGINEERING | Covenant University | 2017 – 2022

Experience

FRONTEND ENGINEER | TECHSPERTISE | JUNE 2024 – PRESENT

- Architected and developed a scalable Learning Management System (LMS) using React, Next.js and TypeScript, supporting 1000+ concurrent users with 99.9% uptime .
- Successfully migrated the application state management from Redux to React Query, reducing bundle size by 30% and improving load time by 40%.
- Implemented responsive design principles, ensuring seamless user experience across desktop and mobile devices.
- Collaborated with backend engineers to design RESTful APIs, improving data fetch efficiency by 35% through pagination and caching strategies.

CYBERSECURITY ANALYST | SMSAM SYSTEMS LIMITED | JANUARY 2023 – MAY 2024

- Executed comprehensive security assessments for 20+ clients, identifying and documenting over 100 critical vulnerabilities.
- Developed and implemented an automated vulnerability scanning system using Python, reducing assessment time by 60%.
- Created detailed technical reports and remediation plans, achieving a 90% client implementation rate.
- Collaborated with a team of 3 analysts in conducting penetration testing, discovering and helping to patch 15 zero-day vulnerabilities.

SYSTEMS SUPPORT ENGINEER [INTERN] | EKO ELECTRICITY DISTRIBUTION COMPANY | MAY – OCTOBER 2021

- Created and delivered technical training programs for 100+ staff members, resulting in a 40% reduction in support tickets.
- Involved in the deployment of a new firewall system, protecting sensitive data for over 10,000 customers.
- Resolved complex technical issues related to hardware, software, and network systems, reducing downtime by 25%.

Projects

GETTYVERSITY | LEARNING MANAGEMENT SYSTEM

- Developed a scalable Learning Management System (LMS) frontend using React (Next.js) and TypeScript, ensuring a seamless user experience
- Implemented state management optimizations with React Query, improving performance and reducing unnecessary re-renders.

- Designed and integrated responsive UI components with Tailwind CSS for a consistent cross-device experience.

BRANDNEST | AI BRANDING ASSISTANT

- Developed an AI-powered branding tool that generates branding snippets and keywords based on user input
- Implemented a responsive UI using React (Next.js), TypeScript, and Tailwind CSS.
- Implemented API handling, and error management, enhancing brand ideation efficiency using Python (FastAPI) with Groq API for the backend.

Technical Skills

- Programming languages: Python, Javascript, Java
- Database Management: MySQL, PostgreSQL
- Tools & Technologies: Git, VS code