PELUMI OTEGBOLA

Details

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England, United Kingdom
United Kingdom

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Email
PPELIANCE@gmail.com

Links

LinkedIn

My portofolio

Skills

Good Communication

Performance Optimization

Communication Skills

Time Management Skills

Highly organized and efficient

Scalable Architecture Design

Complex Debugging

Decision Making

Adaptability

Dedicated team player

Test-Driven Development

Active Listening

Hobbies

Bowling, reading, travelling, playing Games

Profile

As a Full Stack Developer with over 2 years of experience, I've been dedicated to creating scalable web applications that cater to a wide range of users. I'm skilled in JavaScript, TypeScript, React, Node.js, Express, PHP, and Python, and I have a particular passion for AI-driven development processes and writing clean, maintainable code. I've successfully implemented secure authentication systems and optimized application performance for thousands of users. I'm truly enthusiastic about using AI tools to boost productivity and spark innovation in the world of software development.

Employment History

Web developer, TechElevate

Jun 2025 — Present

- Design and build scalable web solutions that can handle over 10,000 active users, seamlessly integrating both frontend and backend components to boost performance by 40%..
- driven development workflows with GitHub Copilot to speed up code delivery by 35%.
- Oversee and maintain PostgreSQL databases, ensuring they achieve 99.9% uptime and keep data integrity intact for critical applications.
- Collaborate with cross-functional teams to enhance functionality and user experience.

FrontEnd Developer, Freelance

Dec 2023 — Apr 2025

- I've crafted responsive web applications using JavaScript, TypeScript and React for over 15 clients, which boosted average user engagement by an impressive 45%..
- I also developed secure payment systems that handled transactions exceeding £100K, enhancing both transaction security and user trust by 25%.
- By leveraging AI tools for code optimization and debugging, I managed to cut down development time by 30% while keeping the code quality intact.
- I optimized website performance through smart architecture, achieving average load times of under 2 seconds.
- I'm committed to continuous learning and professional development, always staying up-to-date with emerging technologies, including AI integration.

IT Technician, Alpha Cyber Cafe

May 2021 — Jun 2023

- I installed, configured, and maintained computer systems and networks that catered to over 500 users every day.
- I diagnosed and fixed hardware and software issues, ensuring we achieved an impressive 95% uptime across all systems.
- I also managed software installations and security updates, putting in place strong security measures.

- Additionally, I led collaborative IT projects, providing advice on tech solutions and rolling out new systems that boosted our operational efficiency by 20%.

Education

Higher institute of Science, Economics and applied biology, B.sc Computer Science

Mar 2017 — Jun 2021

graduated with Second Class Honours

IT Career Switch , ApprenticeShip in Full Stack Devoper Training

Aug 2024 — Mar 2025

Internships

Full Stack Developer, TechnoHacks Solution Ltd

May 2025 — Jun 2025

Developed and deployed dynamic web applications using modern technologies.

Collaborated with developers and project managers to deliver high-quality solutions.

Implemented secure payment and authentication systems to enhance user satisfaction.

Utilized JavaScript, TypeScript, Next.js, PHP, and Node.js for building high-performance web apps.

Optimized system architecture and responsive design for improved user experience.

Technical Skills

Frontend

- JavaScript, TypeScript, React, Next.js, HTML5, CSS3, Tailwind, Bootstrap

Backend

- Node.js, Express, PHP, Python, RESTful APIs

Database

- PostgreSQL, MongoDB, MySQL

Testing

- Jest, Cypress, Unit Testing, Integration Testing

AI Tools

- GitHub Copilot, ChatGPT, AI-assisted code generation and debugging

Devops

- Git, CI/CD, Docker, AWS, Vercel, Netlify

State Management

- Redux, Zustand

Projects

Chat App

Present

(Tech Stack: Nextjs, TypeScript, Zustand,Express,AWS,Drizzle ORM, Postgres)

- I developed a full-stack real-time chat application that caters to over 2,500 registered users, utilizing Google OAuth and email authentication for secure access.
- I implemented real-time messaging with Socket.io, allowing for more than 50 group conversations to happen simultaneously.
- I also added last seen and online status indicators, along with a story upload function to enhance user interaction.
- Throughout the process, I adhered to MVC and OOP best practices, ensuring comprehensive coverage of over 85% for scalable and maintainable code.

Gazetteer Map

(Tech Stack: Php, Js, Html, bootstrap)

- I developed a web-based interactive map application that attracts over 5,000 users each month, complete with detailed country profiles.
- I integrated five different external APIs—OpenWeatherMap, USGS, ExchangeRate, Wikipedia, and REST Countries—to pull in real-time data seamlessly.
- To enhance user experience, I implemented geolocation detection and marker clustering using Leaflet MarkerCluster, ensuring everything runs smoothly.
- Thanks to my performance optimization efforts, the app boasts an impressive average load time of just 2 seconds.
- Users can easily interact with the map through dropdown selections and click events, all thanks to custom controls I designed.

Thrift Website

(Tech Stack: React, Redux , Express, Postgres)

- I developed an e-commerce platform that successfully handled over 10,000 transactions, complete with advanced search features.
- I also implemented a real-time communication system using Socket.io, which made interactions between buyers and sellers smooth and effortless.
- To ensure security, I built a robust user authentication system with Clerk, achieving a perfect record with zero security breaches.
- Additionally, I optimized database queries, which led to a 50% increase in search response times.

Company Rota System

Present

(Tech Stack: React, Express, Postgres)

- I developed a secure staff management system that features role-based access control, catering to over 200 employees.
- I also built an intuitive staff portal that simplifies shift management, leave requests, and availability tracking.
- Additionally, I created a comprehensive admin interface that streamlines HR processes, boosting oversight efficiency by 40%.
- To ensure quality, I implemented automated testing using Jest , achieving an impressive 90% code coverage.
- Lastly, I completely eliminated unauthorized access incidents by putting a robust access control system in place.