

Shafi Akinropo

Senior Backend Developer

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Experienced Backend Developer with 6 years of expertise in building scalable, secure, and high-performance applications using Node.js, PHP, and Python. Proficient in PostgreSQL, MySQL, MongoDB, and other technologies. Dedicated to developing innovative solutions and enhancing system performance. Seeking a challenging position where I can contribute to impactful projects and grow my skills.

Work Experience

Senior Backend Developer

Jan 2022 - Present

- Architected and implemented microservices using Node.js and Docker, boosting system scalability by 30% and reducing deployment times by 25%.
- Developed and integrated RESTful APIs with Express.js, PostgreSQL, and MongoDB, ensuring seamless data flow and improving application efficiency.
- Migrated a monolithic PHP application to a microservices architecture with Node.js, enhancing maintainability and reducing technical debt.
- Optimised complex database queries, achieving a 40% reduction in query response times.
- Collaborated with front-end teams to integrate backend services with React and Vue.js applications, ensuring a smooth user experience.
- Mentored junior developers, conducted code reviews, and fostered a culture of continuous improvement.

Backend Developer

Jun 2018 - Dec 2021

- Led the development of scalable RESTful APIs using Python (Django) /Flask and Node.js, enabling efficient data management and system interactions.
- Managed MySQL and PostgreSQL databases, optimising for high availability and performance across multiple client projects.
- Designed and implemented a real-time notification system using WebSockets, Redis, and Node.js, enhancing user engagement and system responsiveness.
- Integrated third-party APIs, including payment gateways and authentication services, into client applications, ensuring seamless user experiences.
- Automated deployment processes using Jenkins and GitLab CI/CD, reducing deployment times by 50%.
- Worked closely with cross-functional teams to deliver high-quality software solutions on time.

Junior Backend Developer

May 2016 - May 2018

Hitech

- Contributed to the development of backend services for PHP-based web applications, focusing on API development, database management, and system integrations.
- Participated in the migration from a LAMP stack to a modern tech stack using Node.js and MongoDB, improving system performance and scalability.
- Assisted in the design and implementation of user authentication systems using JWT and OAuth2, ensuring robust security across applications.
- Provided technical support and troubleshooting for backend issues, maintaining system stability and resolving critical bugs.

- Collaborated with senior developers in code reviews, gaining insights into best practices and improving code quality.
- Projects
- Projects
- Real Estate Platform : Developed a comprehensive backend system using Node.js and PostgreSQL for a real estate platform, featuring user authentication, property management, and real-time messaging.
- E-commerce Application : Built a scalable e-commerce backend with Node.js, integrating payment gateways, order processing, and inventory management.
- Job Employment Platform : Created a job-matching platform using Django and PostgreSQL, including employer dashboards, applicant tracking, and automated email notifications.
- Auction Platform : Engineered a dynamic auction platform using Node.js and MongoDB, featuring real-time bidding, user authentication, and secure payment processing.
- Logistics Management System : Designed and implemented a logistics management system using Python (Django) and PostgreSQL, enabling real-time tracking, route optimization, and inventory management.
- Health Management System : Developed a health management platform using Node.js, MySQL, and MongoDB, with features for patient record management, appointment scheduling, and telemedicine integrations.
- Social Media Analytics Tool : Built a social media analytics tool using Python and MongoDB, providing insights into user engagement, sentiment analysis, and content performance across multiple platforms.

Projects

E-commerce Application

Feb 2023 - Present

Built a scalable e-commerce backend with Node.js and WordPress Custom API, integrating payment gateways, order processing, and inventory management.

Job Employment Platform

Aug 2024 - Present

Created a job-matching platform using Django and PostgreSQL, including employer dashboards, applicant tracking, and automated email notifications.

Logistics Management System

Jun 2018 - Jan 2019

Designed and implemented a logistics management system using Python (Django) and PostgreSQL, enabling real-time tracking, route optimization, and inventory management.

Health Management System

May 2019 - Jul 2019

Developed a health management platform using Node.js, MySQL, and MongoDB, with features for patient record management, appointment scheduling, and telemedicine integrations.

Fintech

Apr 2020 - Present

Developed a fintech application using Laravel/PHP, Node.js, MySQL, and MongoDB, with features for user account management, transaction processing, and payment gateway integrations. Using a Microservice approach.

Volunteer Experience

Technology Lead

Jan 2020 - Present

Research for Impact Knowledge Economy and sustainable Development

As Technology Lead at RikeSD, I drive the development and implementation of scalable platforms, oversee IT infrastructure, and lead a diverse tech team, ensuring technology enhances research, impact tracking, and collaboration for sustainable development and knowledge sharing.

Core Skills

Backend Technologies : Node.js, Express.js, PHP, Python, Django, Flask, Databases : PostgreSQL, MySQL, MongoDB, API Development : RESTful, GraphQL, Cloud & DevOps : AWS, Docker, Kubernetes, CI/CD, Web Technologies : HTML, CSS, JavaScript, React, Vue.js, Version Control : Git, GitHub, Bitbucket, Testing : Mocha, Chai, Jest, Postman, TypeScript, Swagger, Redis, RabbitMQ

Education

Nextford University

Dec 2025

Master of Business Administration Data Analysis

National Open University

Jan 2016 - Dec 2019

Bachelor of Information Technology

Gateway ICT Polytechnic

Jan 2011 - Dec 2012

Diploma in Computer Science