

Victor Opara

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Software Developer

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Summary

Dynamic Full Stack Developer with a proven track record of building high-quality web applications using React, Next.js, NestJS, and Laravel. Skilled in enhancing user experiences and optimizing application performance, with a strong focus on clean architecture and maintainability. Known for effective cross-functional collaboration, driving project success, and delivering tailored solutions that consistently exceed client expectations.

Experience

Algolog Ltd

Senior Software Developer | 10/2024 - Present

Led full-stack development and infrastructure automation for a cloud-based web application. Used NestJS for backend services and Next.js for the frontend, building a performant and scalable system. Orchestrated DevOps workflows with Azure and Terraform, while implementing CI/CD pipelines via GitHub Actions.

Key Contributions

- Developed modular, testable backend APIs in NestJS, integrating with PostgreSQL and external services.
- Built dynamic, responsive frontend pages with React, Next.js, emphasizing performance and user experience.
- Wrote and maintained custom GitHub Actions YAML workflows to automate testing, builds, and deployments.
- Provisioned and managed Azure infrastructure with Terraform, ensuring reproducible and versioned environments
- Containerized applications with Docker, streamlining local development and cloud deployments.

Hasob Integrated Services Ltd

Full-Stack Developer | 12/2022 - 11/2024

Key Contributions

- Collaborated with designers and development teams to create high-quality interactive web experiences.
- Handled business data storage, processing and upgrades.
- Evaluated application responsiveness and eliminated bugs and glitches.
- Analyzed software requirements and worked with team members to develop solutions.
- Developed Application Programming Interface and back-end applications
- Worked closely with UX/UI designers to ensure seamless implementation of user interfaces in web applications.
- Integrated third-party APIs into applications as needed for project requirements.
- Designed, coded and tested software solutions.

Frontend Developer 12/2021 - 12/2022

Key Contributions

- Spearheaded the development of a robust Learning Management System (LMS) for tertiary institutions, utilizing technologies such as Laravel, JavaScript, React, and SQL, significantly enhancing online learning experiences for students and streamlining administrative tasks for educators.

- Implemented custom features in company-used packages, opting for tailored solutions over standard installations from npm
- Designed and developed innovative front-end features for both web and mobile applications, enhancing user experience and functionality.
- Translated UI and product designs into fully functional applications, ensuring seamless user experiences and robust performance across various platforms
- Developed, documented, and tested reusable codebases, streamlining future projects and enhancing development efficiency by 20%.
- Maintained consistency in coding standards and documentation, ensuring clarity and ease of understanding for future developers and team members.

Skills

Frontend Technologies

Semantic HTML5, CSS, Tailwind CSS, JavaScript, TypeScript, jQuery, React, React Native, Vue.js, Next.js

Backend Technologies

Laravel, NestJS, Node.js, Express.js, PostgreSQL, MongoDB, SQL

DevOps & Tools

Terraform, Git, GitLab, Bitbucket, Azure

Practices & Methodologies

Agile Development, TDD (Test-Driven Development), Code Reviews, Estimation & Planning, Team Collaboration, Communication

Projects

Spacer

Built a production-grade web platform using NestJS for backend APIs and Next.js for the frontend. Automated infrastructure provisioning with Terraform on Azure, and set up CI/CD pipelines using GitHub Actions, including writing custom YAML workflows for build, test, and deployment processes. Managed containerization with Docker and ensured seamless integration between services for a performant and maintainable system.

Kidslingua

Kidslingua is an interactive language-learning platform designed for children within the African diaspora. It offers virtual lessons with native speakers, covering African languages like Igbo, Yoruba, and Hausa. KidsLingua combines playful, immersive learning with cultural insights to help children connect with their heritage through language

Content Symphony

Content Symphony is a React Native mobile application (iOS/Android) for educational content management and live interactive learning. Key features include:

- Live Lecture System: Integrated Jitsi Meet for real-time video conferencing with advanced audio/video state management, lesson delivery, and interactive learning sessions
- Content Management: Creation, organization, and collaboration workflows for educational content
- Student Engagement: Learning goal tracking, badge achievements, lesson note-taking, and progress monitoring
- Scheduling & Organization: Lesson scheduling with calendar integration, content assignment workflows