

David NELSON

Senior Full-Stack Developer

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📍 Bristol Massachusetts US

📅 March 20th, 1995



PROFILE

I have been working as a Senior PHP Full Stack Developer for more than 8 years, using code to create digital symphonies. My expertise lies in transforming ambitious ideas into user-centric web solutions that seamlessly integrate various components.

Throughout my career, I have consistently delivered high-quality and scalable solutions, while effectively managing cross-functional teams and collaborating with stakeholders to ensure project success.

I am particularly skilled in building enterprise-grade distributed applications that address real-world problems.

My passion for learning and staying up-to-date with the latest technologies has allowed me to excel in my field.

I thrive on innovation and am driven to take your digital journey to new heights.

PROFESSIONAL EXPERIENCE

July 2019 –
September 2023
Portland, Oregon, US

Evergiving, Senior PHP Full-Stack Developer

- Revolutionized Customer Engagement

- Designed and implemented a customer engagement platform using PHP Laravel Framework, featuring advanced queuing and web socket functionalities.
- Achieved a remarkable 20% increase in user interactions within the first quarter, contributing significantly to our mission of enhancing customer experience.

- Optimized Backend Performance

- Engineered a robust backend infrastructure using Laravel frameworks, incorporating traits and Eloquent ORM, resulting in a 30% reduction in page load times.
- Successfully implemented database optimization strategies, dramatically enhancing system responsiveness.

- Architected Scalable Microservices

- Collaborated closely with the architecture team to implement a microservices-based architecture, ensuring seamless scalability and maintainability.
- Achieved a 50% reduction in system downtimes during peak usage periods, providing a stable and reliable platform.

- Proactive Troubleshooting

- Demonstrated a keen problem-solving ability by resolving a critical database bottleneck, resulting in a 40% improvement in system response times.

- Played a pivotal role in troubleshooting and resolving complex technical issues, contributing to the overall stability of the platform.
- **Code Quality and Bug Reduction**
- Maintained strict adherence to coding standards and implemented rigorous code review processes, leading to a 25% reduction in post-release bugs.
- Spearheaded initiatives to enhance software quality, ensuring a robust and reliable codebase.
- **Efficient Deployment Strategies**
- Utilized Azure Cloud Storage, Docker, and Kubernetes for the deployment and orchestration of applications.
- Implemented automated deployment pipelines, reducing deployment times by an impressive 40%.
- **Seamless System Integrations**
- Led the development of RESTful APIs and interfaces for key system integrations, resulting in a 30% reduction in integration time.
- Ensured smooth communication between disparate modules, streamlining data flow across the system.
- **Comprehensive Documentation**
- Authored detailed technical documentation, including design specifications, test plans, and user manuals.
- Facilitated efficient knowledge transfer and onboarding of new team members, contributing to a collaborative and well-informed team.

November 2017 –
June 2019
Portland, Oregon, US

Swarmia, PHP Full-Stack Developer

- Modernized Legacy E-commerce Platform

- Contributed significantly to the redevelopment of a legacy e-commerce platform, introducing Laravel Framework to modernize the application architecture.
- Realized a 15% increase in website performance and a 20% improvement in conversion rates, enhancing the overall user experience.

- Dynamic Front-End Implementations

- Collaborated with UX/UI designers to implement dynamic and responsive PHP blade templates.
- Enhanced the visual appeal and usability of the front-end, contributing to a more engaging user interface.

- Efficient Resource Utilization

- Employed Azure Cloud Storage for efficient data management and Docker for containerization.
- Achieved a 30% reduction in infrastructure costs through resource optimization and streamlined processes.

- Third-Party API Integration

- Successfully integrated third-party APIs to expand the platform's functionality.
- Enabled real-time inventory updates and order processing, resulting in a 25% reduction in order fulfillment times.

June 2016 –
October 2017
Jakarta, Indonesia

AGREX, Junior PHP Developer

- Contributed to System Enhancements

- Collaborated with the development team to implement new features and enhancements to the existing system.
- Assisted in the integration of third-party APIs to enhance system functionality.

- Database Optimization

- Participated in database optimization efforts, improving query efficiency and reducing system response times.
- Assisted in troubleshooting and resolving database-related issues.

- Front-End Development

- Worked closely with UX/UI designers to implement front-end components using PHP blade templates.
- Contributed to creating a more user-friendly and visually appealing interface.

- Bug Fixing and Code Review

- Conducted code reviews and assisted in bug fixing activities, ensuring code quality and adherence to coding standards.
- Gained valuable experience in maintaining a robust and error-free codebase.

May 2015 –
September 2016
Depok, Indonesia

Software Developer, Proworks

- Assisted in the development of internal tools and utilities using PHP and Laravel, streamlining workflow processes for the company.
- Gained exposure to version control systems like Git and learned software development best practices.
- Collaborated with senior developers, attending meetings and taking on small coding tasks to accelerate skill development.

EDUCATION

2012 – 2016
Depok, Indonesia

Bachelor of Computer Science, University of Indonesia

Covers programs related to computer science, information systems, and technology.

LANGUAGES

English



SKILLS

PHP

Javascript

Laravel

Code Ignite

Yii2

PreStarShop

Ruby on Rails

MySQL / PostgreSQL / NoSQL / Firebase / SQLite

C/C++

Javascript

Java

ReactJS

AngularJS

React Native

VueJS

Node JS

C#

Python

WebGL

TypeScript

Phaser