

DOUGLAS LESLIE

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[LINKEDIN](#) , [GITHUB](#), [MEDIUM](#)

BACKEND DEVELOPER

A Detail-oriented and results-driven Laravel developer with over 4 years of experience in building and maintaining scalable web applications. Highly proficient in PHP and the Laravel framework, with proven ability to drive projects from inception to completion, leveraging strong debugging, problem-solving, and SDLC knowledge. Adept at leveraging FilamentPHP and Laravel Nova to create intuitive admin panels and user interfaces. Adept at collaborating with cross-functional teams to deliver secure, user-centric, and high-performance software applications. Experienced in integrating third-party APIs and working on large-scale, modular monolith applications.

Core Competencies: PHP & Laravel Expertise, API Development & Documentation, Database Design & Optimization, Data Structures & Algorithms, Project Management, Golang, Vue.js

WORK EXPERIENCE

Jack Westin

May 2023 – Jan 2025

(Remote) Laravel Developer

Architected and implemented scalable backend solutions for enhanced efficiency.

Collaborated across teams to drive innovation, streamline processes, and elevate code quality

ACCOMPLISHMENTS:

- Leveraged Laravel Nova to architect and implement robust, scalable administrative panels that streamlined backend operations and enhanced overall system manageability
- Streamlined database query processes and designed efficient normalized schemas, resulting in faster data retrieval times with MySQL.
- Developed a composer package for an MCAT-related library feature, enabling students to access relevant books efficiently. Implemented caching strategies for faster data retrieval and designed multiple cache invalidation methods to ensure data accuracy and freshness.
- Implemented a feature allowing unauthenticated users to take exams and track their progress, enhancing the user experience and driving higher engagement and retention.
- Integrated BigBlueButton (open-source virtual classroom software) with internal systems to track students who missed classes, enabling automated outreach and follow-ups to improve engagement and retention.
- Collaborated on product scoping with two business partners and a 21-member cross-functional team (product, engineering, testing) to successfully launch an e-textbook platform.
- Collaborated with the front-end team to enhance Design System using Blade components, Nuxt.js, and Vue.js
- Increased test coverage by up to 80% using PHP Unit, Laravel Dusk, and Test-Driven Development (TDD) principles

Tech Stack: JavaScript, PHP, Laravel, GitLab, Redis, Nova, PHPunit, ClickUp, PHPStan, Minio, AWS

TryFlok Inc

March 2022 – April 2023

(Remote) Team Lead (Backend)

Modernized legacy systems and enhanced user experience through innovative technical strategies.

Cultivated cross-functional collaboration to streamline processes and drive agile system improvements

ACCOMPLISHMENTS:

- Contributed to refactoring extensive legacy code while collaborating on the migration of a monolithic content management platform to a microservices-based architecture. Helped design and implement distinct services, including user management, content delivery, media processing, search indexing, and analytics, improving resilience, scalability, and maintainability.
- Mentored junior developers, fostering a culture of continuous learning and best practices adoption.
- Built and maintained RESTful APIs using Laravel (PHP) and Golang.
- Debugged and improved legacy systems, enhancing performance and reliability
- Developed a system that generates blurhash placeholders by hashing photos, enabling lightweight previews that improve user experience and refactored all image containers to use placeholders.
- Increased test coverage for our Go microservices from 10% to over 80% by utilizing Go's built-in testing framework, significantly enhancing code quality and reliability.
- Identified and fixed bugs reported by QA by tracing issues and collaborating with 2 frontend teammates in a scrum environment to deliver timely and effective solutions

Tech Stack: Laravel, Golang, MySQL, AWS, Docker, Slack, GitHub, CircleCI, Restful Apis, Redis

Amis Group

March 2020 – March 2022

(Remote) (Junior Full Stack Developer)

Engineered a robust, multi-faceted platform by integrating scalable video transcoding and real-time communication systems to elevate user experience

ACCOMPLISHMENTS:

- Set up a video transcoding service leveraging AWS S3 and CloudFront to ensure high quality videos are delivered with little latency to a wide range of devices
- Integrated real-time communication features using Laravel Web sockets, enabling instant event broadcasting and improving user engagement across the platform.
- Carried out regular bug fixes and maintenance on our Vue.Js Frontend.
- Set up a fully automated CI/CD pipeline with Docker and Jenkins to speed deployments.
- Designed and implemented RESTful APIs using Laravel to facilitate seamless integration with third-party services.
- Translated UI/UX design into working code using CSS, SASS and Tailwind CSS

Tech Stack: Laravel, Vue.Js, AWS, Docker, Jenkins, CSS, SASS, Tailwind

EDUCATION

Covenant University: B.Eng. Mechanical Engineering
4.75 CGPA (First Class)

June 2016 - July 2021
