DOUGLAS LESLIE

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LINKEDIN , GITHUB, MEDIUM

SOFTWARE ENGINEER

I'm a Full Stack Engineer who builds fast, scalable software that powers B2B growth. At companies like Gloopro, Jack Westin, and Flok Tech, I've played key engineering roles, often as the first or core backend hire, designing systems from scratch, scaling infrastructure, and leading dev teams in fast-moving environments.

I specialize in Laravel, Vue/Nuxt, MySQL, and cloud automation, with a strong focus on performance, developer experience, and clean architecture.

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

Gloopro   Apr 2025 – Present

(Hybrid) Senior Software Engineer

Built SAP integration and automated loan batching to streamline procurement and reduce Source-to-Pay cycle time.

ACCOMPLISHMENTS:

- Developed an automated batching system for loan requests, used by internal teams to finance large procurement orders. Previously, loan requests were processed individually, slowing approvals and increasing manual workload subject to human errors. I redesigned the flow to automatically group requests based on vendor, timeline, and funding criteria, allowing bulk review and submission. This reduced the Source-to-Pay (S2P) turnaround time by over 50% and ensured better alignment with procurement cycles and cash flow planning.
- Led the SAP integration of SEPNU, syncing SAP data with Gloopro's storefront for real-time goods and inventory visibility.

Jack Westin   Apr 2023 – Apr 2025

(Remote) Backend 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 2020 – April 2023

Worked across multiple levels of the engineering team within TryFlok, starting as a junior full stack developer and eventually leading backend initiatives. Played a key role in modernizing legacy systems, enhancing user experience, and mentoring junior developers while building scalable, microservice-based platforms.

TEAM LEAD (BACKEND) — MARCH 2022 – APRIL 2023

Modernized legacy systems and enhanced UX through innovative technical strategies.
Cultivated cross-functional collaboration to streamline processes and drive agile system improvements.

ACCOMPLISHMENTS:
- Implemented an RSS feed integration feature using Laravel, enabling users to input podcast RSS links and automatically import audio episodes through queued jobs, while utilizing scheduled artisan commands running every 12 hours to fetch and synchronize new content seamlessly.
- Delivered an end-to-end blockchain feature enabling the issuance of NFTs to community members, from initial smart-contract design and implementation in Solidity to blockchain interaction using Node.js, Truffle, and Ganache. Leveraged Apache Kafka to achieve scalability and real-time event streaming, significantly enhancing community engagement and platform innovation.
- 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 3 junior developers through regular pair-programming sessions, weekly code reviews, and bi-weekly knowledge-sharing meetings, fostering their professional growth and encouraging continuous adoption of best coding practices.
- 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.

(REMOTE) (JUNIOR FULL STACK DEVELOPER) – MARCH 2020 – MARCH 2022
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,Golang, NodeJs,MySQL, Vue.Js, AWS, Docker, Jenkins, CSS, SASS, Tailwind, Redis, Github, CircleCI, Solidity, Truffle, Ganache

PROJECTS

LEISURETROVE – SOCIAL OUTING & EVENT DISCOVERY APP
Mobile App [Android   PlayStore]
Built the backend and frontend for a social outing app using Laravel and Vue.js, integrating OAuth, Google Maps API, CAPTCHA, and FCM push notifications. Powered real-time features with a Go-based WebSocket server. Deployed via Docker and Kubernetes for autoscaling. Documented all APIs here using Swagger.

JOB SCRAPER APPLICATION
A Golang based tool that scrapes job listings from platforms like **LinkedIn** (via RapidAPI + scraper), **TestGorilla**, **Workable**, **RemoteAfrica**, and **GolangProjects**. Also scrapes **BreezyHR** companies by querying Google Search and crawling their careers pages. Supports cron scheduling, keyword filtering, and export-ready results.

EDUCATION

Covenant University: B.Eng. Mechanical Engineering   June 2016 - July 2021
4.75 CGPA (First Class)