

Jonathan Morales

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Professional Summary

Engineering leader with 8 years of experience delivering SaaS platforms and mission critical services in healthcare education. Oversee the lifecycle of a proprietary LMS used by thousands of nursing and therapy students, from initial design through service reliability and ongoing operations. Skilled at guiding cross functional teams, ensuring uptime and operational performance, and scaling cloud infrastructure in AWS. Experienced in roadmap planning, incident management, and aligning stakeholder vision with technical execution.

Skills

Leadership and Process

- Team leadership across development, QA, DevOps, AWS engineering, UX, and support
- Agile and Scrum facilitation: backlog prioritization, sprint planning, standups, retrospectives
- Stakeholder translation: roadmap development, requirements analysis, progress reporting

Infrastructure and Reliability

- AWS (EC2, S3, RDS, CodePipeline, CloudWatch)
- CI and CD pipeline integration (automated testing, linting, staging builds, code quality enforcement)
- Service monitoring and uptime management (achieved 98 percent uptime over last 12 months)
- Incident response, bug tracking, and root cause analysis
- Security practices including access controls, audit logging, and privacy reviews

Full Stack Development

- Laravel 10, Vue 3, PHP 8, JavaScript (ES6), MySQL, Redis
- RESTful API design and integration
- Frontend state management with Vuex
- Automated testing with PHPUnit and Vue Test Utils
- Responsive UI with Tailwind CSS, HTML5, CSS3

Professional Experience

Stanbridge University Irvine, CA

Assistant Director of Web Technology May 2022 – Present

- Lead a distributed team of 5 developers, 4 QA analysts, 1 DevOps specialist, 1 AWS engineer, 1 UX designer, and 1 product support specialist, overseeing product delivery and operational reliability
- Oversee release process in AWS, building a CI and CD pipeline that automated tests, linting, and staging builds, improving release stability

- Guided migration from on-premises servers to AWS (EC2, S3, RDS, CodePipeline), improving performance and stability, and implemented multi-instance infrastructure
- Established monitoring with AWS CloudWatch and application level error tracking, maintaining 98 percent uptime across the LMS over the last 12 months
- Built incident workflow and bug tracking system, establishing SLA standards and improved issue resolution
- Collaborated with leadership to translate academic and operational needs into technical roadmaps
- Mentored engineers into leadership roles, promoting two into senior positions

Lead Web Developer June 2021 – May 2022

- Onboarded five web developers and standardized pull request processes, accelerating team integration
- Led Vue 2 to Vue 3 upgrade project, reducing technical debt and improving frontend performance
- Built instructor led quiz workflow for faculty controlled class assessments
- Implemented CI with GitHub Actions, cutting build and test times by 40 percent

Web Developer Dec 2019 – June 2021

- Co created Edverum LMS platform using Laravel and Vue stack, now serving thousands of students
- Architected frontend state management system using Vuex, improving performance and maintainability
- Integrated Chrome extension for exam integrity management, enhancing security for online assessments

Junior Web Developer Dec 2017 – Dec 2019

- Developed responsive enrollment and HR onboarding modules in Vue and Tailwind, improving user adoption
- Built mobile optimized components for student enrollment workflows
- Created Electron wrapper for Chromebook Exam Application, enabling secure offline testing

Education

Accelerated Full Stack Web Development Program / *LearningFuze* Aug 2017

AA Business Administration and Management / *Fullerton College* May 2010