

MANDY LLAGAS

Software Developer

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WORK EXPERIENCE

Web Developer | *Elite Software and Data Security, Inc.*

November 2023 – Present

- Maintained and extended a legacy crewing system, resolving critical bugs and delivering new features while improving system stability and long-term maintainability
- Developed core modules for a client-facing accounting system including financial workflows and reporting, directly supporting day-to-day accounting operations
- Built a ship certificate monitoring system to track certificate validity and compliance deadlines, reducing risk of expired or missing documentation
- Designed and published an internal Laravel package adopted across multiple projects, standardizing shared functionality and eliminating code duplication at the organization level
- Implemented WebSocket-based real-time notification features, improving system responsiveness and user engagement

Mobile Developer Intern | *LexMeet, Inc.*

September 2022 – December 2022

- Designed and built responsive, cross-platform mobile interfaces using React Native and Figma, translating high-fidelity design mockups into production-ready components
- Worked closely with QA engineers to debug and resolve defects, contributing to a cleaner release cycle

PROJECTS

Afor | github.com/mllagas/afor | afor.mandyllagas.com

- Built a Kanban-style project management web application with Laravel, Inertia.js, Vue.js, and MySQL, featuring real-time collaboration via Laravel Reverb (WebSocket) and drag-and-drop task management
- Integrated Cloudflare R2 for object storage, handling user file uploads with a custom domain for asset delivery
- Architected AWS infrastructure with EC2 in public subnet and RDS isolated on private subnet, configured security groups to restrict database access exclusively to application server
- Implemented CI/CD pipeline via GitHub Actions with staged workflows covering automated linting, test suite execution, and zero-touch deployments to AWS EC2

TECHNICAL SKILLS

Languages: PHP, Java, JavaScript, TypeScript, SQL, HTML, CSS

Frameworks/Libraries: Laravel, Vue.js, React.js, React Native, Inertia.js, Tailwind CSS, Bootstrap

Databases: MySQL, Redis, SQLite

Cloud & Infrastructure: AWS (EC2, RDS), Cloudflare (Pages, R2), Docker, Nginx

Tools & Platforms: Git, GitHub, Postman, Jira, Figma

EDUCATION

Bachelor of Science in Computer Science

2019 – 2023

Polytechnic University of the Philippines - Manila