

GIAN KYLE LAGUERTA

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EDUCATION

POLYTECHNIC UNIVERSITY OF THE PHILIPPINES

Bachelor of Science in Information Technology

Manila, PH

June 2019 - March 2024

WORK EXPERIENCE

GROUNDLINK DIGITAL ADVERTISING SERVICES

Junior Web Developer

Quezon City, PH

April 2024– Present

- Developed and maintained responsive front-end interfaces using Vue, React, SCSS, Tailwind CSS, Quasar, and NextJs, ensuring cross-browser compatibility and smooth user experiences.
- Refactored UI components using Pinia, Zustand, and Jotai to improve state management, modularity, and performance.
- Built RESTful APIs and backend features using Laravel, Node.js, and Express, supporting multi-tenant data handling.
- Leveraged Typescript on both Front-end and back-end codebases to improve type safety, reduce runtime errors, and enhance code maintainability.
- Integrated SocketIO for real-time event-driven communication, enabling live updates and responsive user interactions.
- Applied SQL optimizations such as pagination, indexing, and query restructuring, resulting in API response time reductions of up to 40-60% on high-traffic endpoints.
- Engineered scalable data synchronization pipelines to process and transform 20,000+ records from third-party providers into tenant specific database structures for a multi-tenant system
- Built a cross-database import/export system enabling seamless migration of transformed data from staging to production, supporting consistent deployment workflows and efficient client onboarding.
- Automated repetitive backend tasks using cron-scheduled scripts, noticeably improving efficiency and reducing the need for manual intervention.
- Gained strong familiarity with AWS workflows and deployments, particularly EC2, RDS, and S3, through hands-on usage in staging and production environments.
- Performed API testing and integration validation with Postman, enhancing development efficiency and accuracy.
- Worked with Git for version control, Laragon and Nginx for local environment setup.
- Contributed to collaborative development efforts following Agile practices and weekly sprint planning sessions.

SKILLS

Programming Languages: Javascript, Typescript, PHP

Frontend Technologies: HTML, CSS, SCSS, Vue, Quasar, Pinia, React, NextJS, Tailwind CSS, Zustand, Pinia, Jotai, SocketIO Client

Backend Technologies: Laravel, NodeJS, Express, SocketIO, Redis

Devops Technologies: AWS EC2, AWS RDS, AWS S3, PM2, SSH, Cron, Nginx

Database Management: MySQL, MongoDB

Development and Tools: Git, Postman, Laragon, Axios, Ubuntu