



## CONTACT

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## SKILLS

### Backend Development

Domain-Driven Design (DDD),  
Command Query Responsibility  
Segregation, Event Sourcing,  
Test-Driven Development, Hexagonal  
Architecture, Microservices

### Programming Languages & Frameworks

PHP, JavaScript, Node.js, NestJS,  
Nuxt.js, React, Vue.js, CodeIgniter,  
Laravel, Lumen (Laravel)

### Frontend & Mobile

HTML5, CSS3, Bootstrap 5, jQuery,  
Capacitor

### Databases & Search

MySQL, PostgreSQL, Elasticsearch,  
DynamoDB, RabbitMQ

### Cloud & Delivery

Amazon Web Services (AWS),  
Amazon Elastic Container Registry  
(ECR), Amazon Elastic Container  
Service (ECS), Amazon Relational  
Database Service (RDS), AWS  
Lambda, AWS App Runner, Amazon  
Simple Queue Service (SQS), Amazon  
Simple Notification Service (SNS),  
GitHub Actions, GitLab CI/CD,  
Continuous Integration, Continuous  
Delivery, Scrum, Agile Methodologies

### API Standards & Architecture

JSON API, REST (Representational

# Erickson Reyes

Technical Lead / Senior Full Stack Engineer — Event-Driven Systems

## SUMMARY

Technical Lead / Senior Full-Stack Engineer with 25 years of experience building web applications, REST APIs, event-driven microservices, and cross-platform mobile apps. I specialize in back-end engineering with PHP, Node.js, Laravel, CodeIgniter, PostgreSQL, MySQL, and AWS, and I also deliver React, Vue.js, Nuxt.js, NestJS, and Capacitor front ends and mobile experiences. I've led teams, modernized legacy systems, and introduced engineering practices including domain-driven design, hexagonal architecture, test-driven development, Scrum, continuous integration and continuous delivery (CI/CD), and spec-driven development with AI. Based in Manila, Philippines.

## WORK EXPERIENCE

### Independent Full Stack Software Engineer

ShipperBridge

May 2024 - Aug 2026 · Remote

Sole developer for ShipperBridge's web and cross-platform mobile apps and in-house customer relationship management (CRM) system, with a strong focus on back-end architecture and full-stack delivery.

#### Technology Stack

- PHP
- JavaScript
- CodeIgniter
- Laravel
- MySQL
- jQuery
- Bootstrap 5
- Progressive Web App (PWA)
- Capacitor

#### Key Responsibilities

- Built and maintained the web app, cross-platform mobile apps, and in-house CRM using CodeIgniter, Laravel, MySQL, jQuery, and Bootstrap 5.
- Packaged the progressive web app into mobile apps with Capacitor.
- Used AI-assisted, agentic engineering workflows to accelerate full-stack delivery while keeping back-end architecture as my core strength.

### Full Stack Software Engineer

QuadX Incorporated

May 2022 - Aug 2026 · Sucat, Paranaque City

Built full-stack features for GoGo Xpress, the company's flagship logistics

State Transfer), OpenAPI Specification (OAS), Hypermedia As The Engine Of Application State (HATEOAS)

### Integrations

PayPal integration, Asterisk integration, RabbitMQ messaging, Amazon Simple Notification Service (SNS) and Amazon Simple Queue Service (SQS) event flow, Third-party and internal system integration

### Testing & Quality

PHPSpec, Behat

### AI-Assisted Development

Claude, Windsurf

platform, across web, API, and mobile experiences. Supported internal workflows for finance and marketing teams while contributing to the platform's architecture, delivery, and engineering practices.

### Technology Stack

- PHP
- JavaScript
- Node.js
- NestJS
- Lumen / Laravel
- React
- Amazon Web Services (AWS)
- Amazon Elastic Container Registry (ECR)
- Amazon Elastic Container Service (ECS)
- Amazon Simple Queue Service (SQS)
- Amazon Simple Notification Service (SNS)
- Amazon Relational Database Service (RDS)
- AWS Lambda
- AWS App Runner
- Serverless Framework
- GitHub Actions
- Progressive Web App (PWA)
- Capacitor
- PostgreSQL
- Elasticsearch
- DynamoDB

### Key Responsibilities

- Helped evolve GoGo Xpress across web, API, and mobile experiences through full-stack support.
- Developed a cash reconciliation system for the finance department to improve visibility into discrepancies between expected revenue and actual remittances.

### Technical Contributions

- Designed and integrated RESTful application programming interfaces (APIs) and microservices on Amazon Web Services.
- Built event-driven services on Amazon Web Services with Amazon Simple Notification Service (SNS), Amazon Simple Queue Service (SQS), and Lambda to keep microservices decoupled.
- Modeled and worked with PostgreSQL databases.
- Delivered React front ends and Capacitor-based cross-platform mobile features, translating user interface/user experience (UI/UX) designs into reusable components and optimizing performance.
- Implemented continuous integration and continuous delivery (CI/CD) pipelines in GitHub Actions and practiced test-driven development, code reviews, and Scrum ceremonies.

### Engineering Practices

- Used Claude and Windsurf in AI-assisted, agentic engineering workflows for React features, planning, and code review support.
- Promoted agentic engineering and AI-assisted development workflows to improve team productivity.
- Encouraged the team to adopt a spec-driven development workflow by

defining features in Markdown with business rules before implementation.

- Shared software design principles with the team, advised on architectural options and trade-offs, and participated in Scrum events.

#### Software Development Principles

- Hexagonal Architecture
- Test-Driven Development
- Command Query Responsibility Segregation

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## Development Lead

[Sourcefit Philippines Inc.](#)

Sep 2018 - May 2022 · Bagumbayan, Quezon City

Led development on a team management software as a service (SaaS) platform, partnering with the founder on product direction and delivery while helping upskill backend developers into full-stack developers through Nuxt.js, development and operations (DevOps), and Amazon Web Services (AWS).

#### Technology Stack

- PHP
- JavaScript
- Lumen (Laravel for API)
- Nuxt.js (Vue.js framework)
- MySQL
- RabbitMQ
- Amazon Web Services (AWS)
- Amazon Elastic Container Registry (ECR)
- Amazon Elastic Container Service (ECS)
- Amazon Relational Database Service (RDS)

#### Key Responsibilities

- Provided architectural direction for deployment, service integration, provisioning, and system design trade-offs.
- Managed development and production environments in Amazon Web Services (AWS).
- Managed continuous integration and continuous delivery (CI/CD) in GitLab for services deployed on Amazon Elastic Container Service (ECS).
- Managed RabbitMQ to distribute events between services.
- Enforced backend quality with PHPSpec unit tests, coding standards, and syntax checks.
- Introduced and reinforced Scrum events and Agile methodology across the team while facilitating ceremonies.
- Held one-on-one catch-up meetings with the team.

#### Software Development Principles

- Software Design Patterns
- Object-Oriented Programming (OOP)
- SOLID Design Principles
- Test-Driven Development
- Command Query Responsibility Segregation
- Domain-Driven Design
- Event Sourcing
- Event-Driven Architecture

- Command Bus Pattern
  - Hexagonal Architecture
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## Technical Lead

### [Code Ninja](#)

Nov 2010 - Aug 2018 · Eastwood City, Bagumbayan, Quezon City

Led development for a global trade intelligence platform, helping modernize the backend from CodeIgniter, MySQL, and SphinxSearch on shared hosting to Lumen (Laravel for API), MySQL, and Elasticsearch in a managed Amazon Web Services environment. Also supported the platform's website, in-house customer relationship management (CRM) system, and software as a service (SaaS) application using jQuery, Vue.js, HTML5, Gulp, and CSS3.

### Technology Stack

- PHP
- JavaScript
- Lumen (Laravel for API)
- CodeIgniter
- MySQL
- Elasticsearch
- SphinxSearch
- Amazon Web Services (AWS)
- Amazon Elastic Compute Cloud (EC2)
- Amazon Relational Database Service (RDS)
- jQuery
- Vue.js
- HTML5
- Gulp
- CSS3
- GitLab CI/CD

### Key Responsibilities

- Maintained continuous integration and continuous delivery (CI/CD) in GitLab to keep deployments stable and prevent breaking changes.
  - Protected the integration with PHPSpec unit tests, Behat acceptance tests, syntax checks, and code quality tests.
  - Shared software design principles with the team, advised on architectural options and trade-offs, and participated in Scrum events.
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## Senior Programmer

### [Leapfrog Ventures and Strategic Services Inc.](#)

Mar 2010 - Nov 2010

Built ETSI's Bill of Quantity System, EnfaLearn, and other client websites and systems to support client workflows and online presence using PHP, MySQL, jQuery, HTML, and CSS.

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## Senior Programmer

## [Xylo Technologies](#)

Mar 2008 - Mar 2010

Developed customer relationship management (CRM) and internal ticketing systems for Directo.com's sales, customer support, and network engineering teams, replacing spreadsheet and email-based tracking with a centralized workflow. Integrated PayPal for subscription enrollment and recurring billing, and Asterisk for US Direct Inward Dialing (DID) routing between the US and Philippines using PHP, MySQL, HTML, jQuery, and CSS.

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## **PHP Developer**

[The Design People](#)

Jan 2007 - Mar 2008

Developed dynamic landing pages and back-end support for Agent Image, Agent Pro, and Agent Image Semi-Custom websites, helping real estate agents showcase property listings and support marketing campaigns with PHP, MySQL, HTML, JavaScript, and CSS.

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## **Web Developer**

[Freelance](#)

Dec 2005 - Jan 2007

Delivered front-end and back-end development for freelance client websites, including DixieBones, EbuyAsia, FieldClips, NoDoubtz, and GEM Maintenance, using PHP, MySQL, HTML, JavaScript, and CSS to support online presence and business needs.

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## **Web Developer**

[Level-Up! Games Incorporated](#)

Feb 2004 - Dec 2005

Developed operational tools for Game Masters and Customer Support Agents to manage disputes and investigations, and built dynamic pages for Level-Up! Games' website, promo pages, and player reward pages using ASP.NET and Microsoft SQL Server.

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## **Sustain Engineer**

[Trend Micro](#)

Apr 2003 - Feb 2004

Provided production support for Trend Micro's ASP.NET internal systems and Microsoft SQL Server databases, helping anti-virus engineers meet service-level agreement (SLA) commitments and support mission-critical operations.

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## Programmer

[Digital Designs Incorporated](#)

Sep 2000 - Feb 2003

Contributed to modernizing Netopia Internet Cafe's workstation timer software so cashiers could track customer usage digitally instead of relying on spreadsheets or notes, and provided back-end website development using Visual Basic 6, Microsoft Access, Microsoft SQL Server, PHP, and MySQL.

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## EDUCATION

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### Bachelor of Science in Information Technology

[Asian College \(Formerly Asian College of Science and Technology\)](#)

Oct 1995 - Mar 2000

## CERTIFICATIONS

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- HTMX - The Practical Guide
- Information Architecture (IA) Fundamentals
- Amazon EC2 Master Class (With Auto Scaling & Load Balancer)
- Web Accessibility Training Course - WCAG 2.1 Compliance
- User Experience Design Fundamentals
- Design Rules: Principles + Practices for Great UI Design
- How To Design for Accessibility: for UX Designers (WCAG 2.2)
- The Simple Way to Conduct a UX Audit
- Building Faster Websites: Get Started with Web Performance

## REFERENCES

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Available upon request.