

# Jerome Agapay

Software Engineer

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Links: [\[LinkedIn Profile\]](#) | [\[GitHub Profile\]](#)

## Professional Summary

Full-stack developer with 7+ years of experience, specializing in back-end development with JavaScript and Node.js. Strong analytical skills with a focus on cloud technologies and AWS solutions. Known for quickly learning new technologies and adapting to different business requirements across various industries.

## Technical Skills

Programming Languages: JavaScript, TypeScript, PHP 7.x

Frontend Technologies: ReactJS, Redux, React Native, jQuery, Tailwind CSS, Ant Design, NextJS

Backend Technologies: Node.js, Express.js, Serverless Framework, Redis, Laravel Databases:

PostgreSQL, MySQL, MariaDB, Liquibase

Cloud/AWS: Lambda, API Gateway, RDS, S3, CloudFront, Cognito, CloudWatch, SQS, EC2,

Amplify

Development Tools: Git, CI/CD pipelines, Agile/Scrum methodologies

Operating Systems: Linux (Ubuntu), macOS, Windows

## Certifications

AWS Certified Solutions Architect - Associate (SAA-C03), Oct 2025

Credly Badge: <https://www.credly.com/badges/785dceab-7921-4e55-92f0-bc7a2daea3a7>

## Professional Experience

*Senior Software Engineer | Healthylife Company Pty Ltd | Jul 2022 - May 2024*

*E-commerce and digital health & wellness platform*

- Fixed UI bugs including user interaction issues and data display problems across the platform.
- Built new UI features while maintaining and improving existing codebase
- Ensured mobile responsiveness across the website for optimal user experience on all devices
- Worked with legacy code challenges including jQuery and older CSS, successfully modernizing components.

**Technologies:** HTML, CSS, jQuery, SASS, Tailwind CSS, PHP, Laravel

*Software Engineer | PayMaya Philippines Inc. | May 2021 - Jul 2022*

*Business management platform for payment, banking, and loan solutions*

- Built CRUD operations using AWS Lambda and Serverless Framework for both frontend (React) and backend (Node.js).
- Integrated SQS to handle file processing for disbursement feature - users upload Excel files with thousands of rows that need to be processed for money distribution.

- Performed load testing on SQS and Lambda integration to optimize upload times and improve processing speed

- Participated in code reviews and bi-weekly sprint planning with development team, QA, and business stakeholders

**Technologies:** React 17, Redux, ES6, Node.js, AWS Lambda, SQS, RDS, S3, Serverless Framework

*Tech Lead | BotBros AI, Rocket Labs Consulting Inc | Jun 2017 - Jan 2021*

### **Airship Logistics Management System - Tech Lead**

*Courier tracking and delivery platform for logistics businesses*

- Led full-stack development of logistics management system handling bookings, agent management, and cash flow operations.
- Facilitated Agile processes including sprint planning, daily stand-ups, retrospectives, and code reviews, improving team productivity and code quality.
- Researched and implemented AWS cloud solutions and emerging technologies for scalable architecture decisions.
- Collaborated with stakeholders during project planning to define requirements and optimize development workflows.

**Achievement:** Won Top 3 position in IdeaSpace Acceleration Program for innovative logistics solution.

**Technologies:** ReactJS, Redux, Node.js, Serverless, AWS Lambda, API Gateway, RDS, Cognito, CloudWatch, CloudFront, S3

### **PeopleServe - Human Resource Information System**

*Recruitment and staffing solutions platform*

- Collaborated with clients during initial planning phases to ensure clear requirements and realistic project timelines.
- Provided technical mentorship to interns and junior developers, improving team onboarding and skill development.
- Delivered post-deployment support including troubleshooting and technical issue resolution.

**Technologies:** Laravel 5.2, ReactJS, Redux, MariaDB, MySQL 5.6

Additional Projects:

**Entrego Booking Website:** Developed responsive homepage, booking system, and reusable React components in collaboration with Zalora team

**Chatbot Solutions:** Built Facebook Messenger and Slack bots with system integrations using Botkit JS and Node.js

Company Website: Designed and developed brand-focused website using Ghost CMS

*QA Intern | Ideyatech, Inc | Oct 2016 - Jan 2017*

*G-Force Dance Center - Reservation and booking platform*

- Designed and implemented comprehensive test cases, improving test coverage for web application features.
- Performed manual testing of website functionality, identifying bugs and ensuring optimal user experience.

# Personal Projects

## *Inventory Management System*

*Client project - Digital inventory system replacing Excel-based workflows*

- Built inventory management system for client to replace error-prone Excel-based tracking, preventing data duplication and loss.
- Implemented RPC approach instead of REST since no public APIs were needed.
- Applied clean architecture principles to improve code organization and maintainability.
- Deployed on Vercel for reliable hosting and easy client access.

**Technologies:** Next.js, TypeScript, Clean Architecture, RPC, Vercel

# Education

Bachelor of Science in Information Technolog

Polytechnic University of the Philippines | 2013 - 2017