

# Hildebrand Elias C. Ligtas

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SENIOR SOFTWARE ENGINEER

## PROFILE

Senior Software Engineer with 5+ years of experience in web and mobile development. Self-taught and highly motivated, with a strong passion for coding, problem-solving, and building software applications. Skilled in collaborating with clients to gather requirements, propose solutions, and deliver user-focused products. 3+ years of experience on Japanese projects, delivering complex full-stack and mobile applications end-to-end.

## EXPERIENCE

### Senior Software Engineer

2022 - 2025

*Hipe*

Developed and maintained web and mobile applications across multiple Japanese client projects. Led cloud infrastructure on GCP, built REST APIs, automated CI/CD pipelines, and wrote unit, integration, and end-to-end test suites.

Ruby on Rails Vue.js React Native Laravel Docker GCP  
Next.js AWS

## SELECTED PROJECTS AT HIPE

### Business Succession Advisory Platform

2026/01 - 03

SME succession planning tool with CRM, company valuation, inheritance tax simulation, and AI-assisted A4 report generation. Built a 25+ question dynamic assessment form with conditional branching.

JavaScript Laravel Livewire MySQL Docker Claude AI

### Learning Management System

2025/09 - 12

Admin module for dynamically assigning users to learning catalogs by role, department, and tenure. Synchronized stateful and stateless authentication via custom middleware. Built high-performance bulk-operation search across large-scale user records.

PHP Laravel MySQL Docker Laravel Jobs

### B2B Used Car Appraisal Platform

2025/08 - 10

Multi-stage appraisal lifecycle (Draft → Submitted → Appraised) with multi-store role-based access. Integrated AWS S3 presigned URL uploads, Ridgepole-managed PostgreSQL schema, and deployed to AWS ECS via GitHub Actions CI/CD.

Ruby on Rails Hotwire TypeScript AWS S3 PostgreSQL  
Docker GitHub Actions

### O2O Location-based Campaign Platform

2023/07 - 2025/04

Map-based store and campaign discovery. Optimized map pin loading to sub-second. Built web scraping tools and managed GCP App Engine and Compute Engine infrastructure.

Ruby Vue.js CoffeeScript MySQL Redis GCP Puppeteer

### Law Consultation Application

2023/10 - 12

Cross-platform mobile and web app for legal case management and virtual lawyer consultations. Implemented real-time communication features via Socket.IO and resolved web UI bugs.

React Native Laravel Node.js Socket.IO MySQL

### Company Quiz & Rewards Mobile App

2023/01 - 06

Cross-platform iOS/Android app with news feed, employee quizzes with Amazon gift card rewards, and leaderboard. Integrated Firebase FCM and OAuth 2.0 authentication.

React Native Laravel Firebase Expo MySQL

## EDUCATION

### Cebu Institute of Technology – University (CIT-U)

BS Electronics Engineering (BSECE)

2015 - 2021

## LANGUAGES

JavaScript TypeScript PHP Ruby Python Java  
Swift HTML CSS

## FRAMEWORKS

Laravel Ruby on Rails Vue.js React React Native  
Next.js Angular Express.js Django Spring Boot  
Expo Livewire

## DATABASES

MySQL PostgreSQL MongoDB Redis AWS Redshift  
Aurora DB

## CLOUD & DEVOPS

GCP AWS Docker GitHub Actions Jenkins  
Firebase Heroku Terraform Nginx

## TESTING

Jest Puppeteer Unit Integration E2E

## OTHER SKILLS

REST API Design CI/CD System Design  
Requirements Analysis Web Scraping WordPress  
WooCommerce Shopify Shell Scripting

## LINE Marketing Communication Platform

2023/01 - 03

B2C multi-channel marketing tool on LINE. Wrote unit/integration tests, measured code coverage, and executed DB migrations via Docker in test environments.

Next.js TypeScript Jest Docker AWS Redshift

## Event Booking Web Application (Japan)

2022/10 - 2023/01

Japan prefectural event booking platform with Stripe payment integration. Improved search speed by 3x and resolved Japanese text localization issues.

Vue 2 Node.js Express.js MySQL Stripe

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## Freelance Software Engineer

2020 - 2022

*Self-employed*

Built web and mobile apps for clients. Angular apps with Firebase auth and PayMongo payments, React Native apps deployed to Google Play, automated workflows with Google Sheets scripting and GCP APIs.

Angular React Native Node.js Python Firebase GCP

Heroku

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SELECTED PROJECT

## HR Management System Mobile App

2021/06 - 2022/02

Cross-platform HR mobile app tracking employee performance, objectives, and attendance with real-time dashboards. Automated reporting workflows via Google Sheets scripting and Google Cloud Platform APIs.

React Native React Python Django Spring Boot GCP