

# Albert Hartanto

## Fullstack Engineer | System & API Architecture

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### SKILLS

#### Frontend

Next.js    Angular    Inertia

React    Vue

#### Backend

ASP.net Core    Laravel

FastAPI

#### Database

MySQL    AlloyDB

#### Core Concepts

REST APIs    RBAC

system design

SPA architecture

### EDUCATION

#### Bachelor of Information Technology

James Cook University Singapore  
2016 • GPA: 5.88/7.0  
*Academic Medal: Bachelor's Coursework*

### CORE STRENGTHS

- System-level thinking (architecture over isolated features)
- Experience building multi-module, real-world applications
- Strong frontend-backend integration skills
- Clean, scalable, and maintainable code practices

### PROFESSIONAL SUMMARY

Fullstack Engineer with experience building 9+ end-to-end systems across commerce, AI, and business operations. Specialized in designing scalable architectures, multi-role platforms, and API-driven applications, with strong focus on translating real-world workflows into structured, maintainable systems.

### EXPERIENCE

#### Project Manager

Jul 2016 - Dec 2017

Docentron Pty. Ltd. • Jakarta, Indonesia

- Led development of educational web-based games using JavaScript (Phaser)
- Managed and mentored interns across multiple development cycles
- Coordinated feature planning and delivery for interactive learning systems

### PROJECTS

#### Retail Management Ecosystem

Designed a multi-frontend system (admin, POS, storefront) with transaction and inventory workflows, implementing a modular API-driven backend for scalability.

Laravel    Angular    Next.js    MySQL

#### Human Design CRM & Analytics Platform

Built a system for generating complex analytical reports with structured backend computation and dynamic frontend visualization, including role-based workflows.

ASP.net Core    Angular    MySQL

#### QuotePlot AI Agent

Developed an AI-powered application for content analysis and structured output generation with API-based processing and responsive UI.

FastAPI    Next.js

#### Property Management Web Application

Implemented tenant, lease, and payment workflows with real-world data modeling and SPA admin interface.

Laravel    Inertia Vue    AlloyDB    Google Cloud

#### Restaurant Management Ecosystem

Built integrated POS and reservation system with multi-role interfaces and real-time workflows.

Laravel    Nuxt.js    AnalogJS    MySQL

#### Additional Systems

Payroll, Insurance Portal, Spa Management, Finance Tracker (React Native), all focused on structured workflows and role-based systems.