

Randell Perez

Full Stack Developer | <https://www.randellperez.dev> | [LinkedIn](#)

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PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with 8+ years of experience building scalable web applications, AI-powered platforms, and cloud-native systems. Experienced across frontend, backend, DevOps, and infrastructure, with expertise in React, TypeScript, FastAPI, PostgreSQL, Docker, AWS, and AI integrations. Experienced in building AI-powered products leveraging semantic search, vector databases, and intelligent automation. Strong background in designing production-ready architectures, REST APIs, event-driven systems, CRM integrations, and modern deployment pipelines. Passionate about building performant, maintainable software that delivers exceptional user experiences.

TECHNICAL SKILLS

Languages & Frameworks	JavaScript (ReactJS, jQuery), Python (FastAPI, Flask), TypeScript, PHP (Laravel), HTML/CSS, CSS, SQL
Cloud & DevOps	AWS (Lambda, DynamoDB, Aurora, EventBridge, SQS, SAM), Docker, Nginx, Cloudflare, Azure, DigitalOcean, Heroku, GitHub Actions, CI/CD (Bitbucket), CloudHub, MuleSoft
Tools & Platforms	Fivetran, Retool, Zoho CRM, Telerivet, Stripe, WebEngage, Mailtrap, Lucidchart
Databases	PostgreSQL, MySQL, DynamoDB, CosmosDB
Architecture Patterns	Event-driven architecture, Microservices, API-led connectivity, MVC Pattern

InvestEd Philippines

Sept 2024 – Present

Full Stack Developer

Technologies: *Python, PostgreSQL, Retool, Fivetran, DBT, Zoho CRM, DigitalOcean, Cloudflare, WebEngage*

- Architect, develop, and maintain scalable Python-based web applications, REST APIs, and internal platforms supporting customer-facing products and business operations.
- Develop and enhance loan application workflows, credit scoring services, data validation, and transactional communication features.
- Optimize application performance through Redis caching, containerization, and production infrastructure improvements.
- Build and maintain CI/CD pipelines, Docker-based deployment workflows, and cloud infrastructure to streamline releases and improve operational stability.
- Develop internal tools using Retool and integrate business systems including Zoho CRM and WebEngage to automate workflows and improve operational efficiency.
- Collaborate closely with QA engineers, product owners, data teams, and stakeholders to deliver high-quality software using Agile development practices.

TINA TEC LTD PTY

Nov 2020 – Jan 2025

Freelance Full Stack Developer

Technologies: *ReactJS, AWS SAM, Python, Ruby, Stripe, Shopify, BigCommerce*

- Architected and implemented AWS SAM-based microservices using Lambda, DynamoDB, EventBridge, and Aurora to power a scalable backend.
- Built and maintained multiple ReactJS frontends, including dynamic dashboards and booking portals.
- Designed a rules engine for booking systems, enabling business users to configure validation and pricing logic dynamically.
- Rewrote and modernised Stripe payment integration for improved reliability and maintainability.
- Successfully migrated AWS infrastructure (Lambda functions, queues, and DB instances) between accounts with zero downtime.

KMC Solutions

Mar 2023 – Jun 2024

Integration Developer

Technologies: *MuleSoft, Azure, AWS, Python, Docker, SQL, Bitbucket*

- Designed and deployed MuleSoft APIs for Salesforce integrations following API-led connectivity patterns.
- Built Python-based microservices in Docker for internal tooling and automation.
- Automated deployments using Bitbucket pipelines and CI/CD best practices.

Shore360 Inc.

Sep 2019 – Apr 2022

Full Stack Developer

Technologies: *PHP, JavaScript, HTML/CSS, SQL, AWS, Docker, Bitbucket*

- Maintained and developed web platforms for an insurance and warranty company.
- Implemented feature enhancements and code fixes from QA reports.
- Led code reviews, production deployments, and mentored new hires.

Shadow Travel and Tours

Feb 2018 – Mar 2019

Junior Web Developer

Technologies: *PHP, Laravel, VueJS, jQuery, MySQL, RabbitVCS*

- Maintained a travel booking system and developed minor enhancements.
- Assisted with bug triage and collaborated with end users for request handling.
- Worked in a small agile team, regularly communicating backlog status and new feature releases.