

# Juanpaulo Umali

## Senior Senior Full Stack Engineer

### SUMMARY

- Senior Full Stack Engineer with 9+ years of experience in designing and delivering scalable web and mobile applications using Python (Flask, Django, FastAPI), PHP (Laravel, Symfony), and JavaScript/TypeScript (React, React Native, Node.js).
- Strong background in Agile methodologies, CI/CD automation, security best practices (OAuth 2.0, JWT, PCI-DSS), and delivering high-availability platforms with 99.9% uptime and significant reductions in downtime and latency.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Python (7 yr.), TypeScript (7 yr.), React (7 yr.), React Native
<b>Programming Languages</b>	JavaScript (7 yr.), Python (7 yr.), TypeScript (7 yr.)
<b>JavaScript Frameworks</b>	React (7 yr.)
<b>JavaScript Libraries and Tools</b>	React Native

### WORK EXPERIENCE

#### Senior Full Stack Engineer - Everclime (SaaS Compliance Platform)

**Duration:** Aug 2023 - Sep 2025

**Summary:**

- Development of a SaaS compliance platform aimed at automating regulatory reporting for global financial operations, serving over 15,000 daily users
- The platform integrates payment systems and provides real-time analytics dashboards to ensure compliance and operational efficiency

**Responsibilities:**

- Led development using Python (Flask/Django), PHP (Symfony), React/Next.js.
- Designed and implemented microservices architecture with REST/GraphQL APIs and event-driven communication using Kafka.
- Integrated payment systems with Stripe and PayPal ensuring PCI-DSS compliance.
- Built reusable React components and managed global state with Redux Toolkit.
- Engineered real-time dashboards combining FastAPI backend with React frontend.
- Designed optimized database schemas for PostgreSQL and MongoDB and implemented caching with Redis.
- Configured Linux environments with Nginx and deployed on AWS using Terraform and Jenkins pipelines.
- Containerized applications with Docker and orchestrated with Kubernetes.

- Collaborated with cross-functional teams in Agile sprints for timely delivery and platform stability.

**Technologies:** Python (Flask, Django, FastAPI), PHP (Symfony), React, Next.js, Redux Toolkit, Kafka, Stripe, PayPal, PostgreSQL, MongoDB, Redis, Linux (Ubuntu), Nginx, AWS (EC2, Lambda, S3, RDS), Terraform, Jenkins, Docker, Kubernetes

## Full Stack Engineer - Napse Global (Global Travel Booking Platform)

**Duration:** Dec 2019 - Jul 2023

**Summary:** Development of a global travel booking platform supporting over 8,000 daily bookings, focused on enhancing user retention and providing real-time availability and dynamic pricing through data analysis and notifications.

### Responsibilities:

- Developed platform using Python (Django), PHP (Laravel), Vue.js/TypeScript.
- Built REST/GraphQL APIs and integrated RabbitMQ for real-time notifications.
- Engineered ETL pipelines in Python and MySQL for travel data analysis.
- Designed modular Vue.js interfaces with performance optimizations and state management using Vuex/Pinia.
- Developed reusable UI components with Vuetify and Tailwind CSS.
- Applied containerization with Docker and managed cloud deployments.
- Enforced security practices including OAuth 2.0, JWT, API rate limiting, and monitoring with New Relic and ELK Stack.

**Technologies:** Python (Django), PHP (Laravel), Vue.js, TypeScript, REST/GraphQL APIs, RabbitMQ, Python ETL, MySQL, Vuex, Pinia, Vuetify, Tailwind CSS, Docker, OAuth 2.0, JWT, New Relic, ELK Stack

## Junior Software Developer - TechTIQ Solutions (Healthcare Scheduling Platform)

**Duration:** Aug 2016 - Nov 2019

**Summary:** Contribution to a healthcare scheduling platform designed to improve booking efficiency and ensure compliance with healthcare regulations such as HIPAA, serving over 5,000 monthly users.

### Responsibilities:

- Developed features using Node.js, Python (Flask), React.
- Created secure RESTful APIs with JWT authentication and rate limiting.
- Assisted in migrating legacy systems to Google Cloud Platform for scalability and cost optimization.
- Built reusable components and services in React and Angular.
- Developed automated test cases using PHPUnit and Selenium.
- Participated in Agile development cycles from requirements to deployment and support.

**Technologies:** Node.js, Python (Flask), React, Angular, RESTful APIs, JWT, Google Cloud Platform, PHPUnit, Selenium, Agile

## EDUCATION

- **National University of Singapore**  
Bachelor's degree, Computer Science  
Until Jul 2016

