

# Alvin Mark P. Francisco

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Portfolio: <https://alvinfrancisco.com>

## JOB OBJECTIVE

Seeking a dynamic and challenging role that allows me to leverage my acquired commercial experience and enhance my proficiency in web development, acquired through my academic journey. Eager to contribute my skills and knowledge to drive positive outcomes for the company.

## PROFESSIONAL EXPERIENCE

FMC Research Solutions · Full Time

Full Stack Developer

February 2025 – Current

Mandaluyong City, Philippines

- Designed and developed scalable web platforms using Next.js and PHP, enabling faster go-to-market for client-facing products and improving user engagement with responsive, high-performance interfaces.
- Built and maintained Android mobile applications using Kotlin, expanding the company's digital presence and increasing customer reach on mobile platforms.
- Engineered robust back-end services and APIs using Laravel, Django, and FastAPI, supporting mission-critical features that improved system reliability and reduced downtime.
- Integrated third-party SDKs and APIs (e.g., biometrics, analytics, authentication), accelerating development timelines and enabling core business functionalities.
- Automated internal processes using Python scripting, reducing manual work and boosting team productivity by streamlining data handling and repetitive workflows.
- Utilized Docker to containerize applications, ensuring consistent development, testing, and production environments, which improved deployment speed, reduced bugs, and simplified DevOps workflows.
- Leveraged AWS and Microsoft Azure services (e.g., S3, Azure Functions) to enhance scalability, storage, automation, and system monitoring—optimizing performance and reducing infrastructure overhead.
- Implemented modern UI/UX designs using Material UI and other styling frameworks, improving customer satisfaction and increasing retention through clean, intuitive interfaces.
- Enhanced application performance and reliability, resulting in faster load times and reduced bounce rates.

- Collaborated in Agile development cycles, contributing to rapid feature releases and adaptive responses to business and user feedback.

Movent Inc. [Acquired by GroupM] · Full Time

Full Stack Web Developer

November 2019 – February 2025

Taguig City, Philippines

- Led the development of frontend components using AngularJS and ReactJS, creating dynamic and responsive user interfaces.
- Designed and implemented scalable server-side solutions using Python and PHP to optimize application performance and reliability.
- Utilized RabbitMQ to establish asynchronous communication between microservices, enhancing system scalability and resilience.
- Enhanced the application's functionality by integrating third-party APIs, enriching the user experience and expanding features.
- Spearheaded the design and implementation of CI/CD pipelines using Bitbucket and Jenkins, enabling seamless continuous integration and deployment for software releases.

Shore Solutions – Full Time

Back-End Developer

May 2017 – March 2019

Ortigas City, Philippines

- Developed and delivered comprehensive SQL reports from the EAP system, focusing on extracting and analyzing key business data. Created customized reports to offer actionable insights, supporting decision-making and operational efficiency. Collaborated with stakeholders to understand reporting requirements, ensuring data accuracy and relevance. Leveraged SQL skills to design queries and automate report generation, improving the availability of critical business intelligence and enhancing reporting capabilities.
- Led the development and maintenance of client websites using CodeIgniter and Laravel frameworks.
- Developed new features to enhance functionality and user experience while ensuring site stability and performance. Worked closely with clients to understand requirements and implement solutions efficiently, keeping the websites updated and optimized.
- Led the resolution of issues reported by QA teams through Jira, employing expert debugging skills to ensure timely fixes and maintain code quality.
- Provided technical guidance and support to HTML integrators in front-end development, ensuring alignment with design specifications and optimizing performance.

- Oversaw source code management using GitLab, conducting thorough code reviews, tracking changes, and enforcing best practices to maintain project integrity and streamline development workflows.
- Collaborated across teams to drive project quality and deliver reliable, high-performance solutions.

### **Project Involved**

1. Yomojo Mobile Portal - <https://yomojo.com.au>
2. Yomojo FamilyEye Portal - <https://www.yomojo.com.au/bundles/family>

Netlingo Support Services Inc. - Contract

Sr. PHP Developer

September 2016 – December 2016

Makati City, Philippines

- Led the migration of legacy PHP systems to a modern Node.js platform, leveraging expertise in both environments to ensure a smooth transition and minimal downtime.
- Designed and developed RESTful APIs using ExpressJS, integrated with frontend frameworks like AngularJS and utility libraries like UnderscoreJS to deliver scalable and efficient solutions.
- Conducted comprehensive functional testing with MochaJS and ChaiJS to validate code quality, ensuring reliability and performance.
- Employed Docker containers to create isolated development environments, allowing for seamless testing, consistent builds, and efficient deployment of applications across different environments.
- Collaborated closely with cross-functional teams to drive innovation and achieve project goals.

Appterra Philippines Inc. [Acquired by Descartes] - Contract

PHP Associate

May 2016 – August 2016

Makati City, Philippines

- Led the maintenance and optimization of the company's WordPress-based website, implementing custom plugins, enhancing site performance, and ensuring security best practices were followed.
- Developed comprehensive data reporting solutions by integrating APIs from Kayako and TeamworkPM, automating data retrieval, and creating customized reports to provide valuable insights into client and project metrics.
- Spearheaded the development of a Product Information Management (PIM) system using Akeneo, tailored for managing hospital products. This involved configuring complex data

models, implementing workflows, and integrating the system with external data sources to streamline product management and improve data consistency across platforms.

Movent Inc. (formerly Netbooster Asia) – Full Time

PHP Developer

February 2012 – April 2016

Makati City, Philippines

- Led the development of applications using the Facebook SDK integrated with Symfony (V1), enabling seamless social media interactions and features.
- Spearheaded the creation of innovative website campaigns using Symfony (V2), delivering high-impact digital experiences for both local and international brands.
- Successfully crafted scalable solutions to meet diverse client needs, while maintaining a keen focus on user engagement and campaign effectiveness.
- Additionally, took charge of project maintenance, proactively identifying and resolving issues, optimizing performance, and ensuring long-term reliability.

**Projects Involved (Links are old and may no longer be available)**

1. Nestle Dancow Indonesia - <https://www.dancow.co.id/dpc/>
2. Nestle Sahabat Indonesia - <https://sahabatnestle.co.id/>
3. Globe Business Philippines - <http://business.globe.com.ph/>
4. Truffle Capital - <http://truffle.com/>
5. FCPI Fortune - <https://francescpi.com/>
6. Truffle100 - <http://www.truffle100.com/>
7. Gatorade Philippines - <https://gatorade.com.ph/>
8. PCSO Scratchit - <http://www.scratchit.com.ph/>
9. Boomerang Awards - <https://booms.dmap.com.ph/>

Servimax Technologies Inc. – Full Time

SAP ABAP Developer

April 2011 – October 2011

Quezon City, Philippines

- Led the creation of complex table reports using advanced SQL queries, translating the systems analyst's specifications into comprehensive and actionable reports.
- Took charge of maintaining and updating custom reports to align with evolving business needs, ensuring data accuracy and relevance.
- Streamlined report generation processes by automating repetitive tasks, reducing manual effort, and improving report delivery times.

- Regularly provided detailed task status updates to the business process team lead, facilitating clear communication and proactive issue resolution.

## **SKILLS SUMMARY**

- Highly skilled in full-stack development with expertise in Python, PHP, Kotlin, and Node.js, applying Object-Oriented Programming (OOP), Model-View-Controller (MVC) patterns, and using ORMs such as Doctrine, Eloquent, and SQLAlchemy.
- Experienced in developing robust applications using frameworks like Next.js, Laravel, Django, FastAPI, Symfony, and CodeIgniter.
- Proficient in building mobile applications for Android using Kotlin, delivering user-friendly experiences and smooth native performance.
- Skilled in front-end development using Next.js, ReactJS, Material UI, Bootstrap, HTML5, CSS3, and preprocessors like Stylus, ensuring responsive, accessible, and visually consistent interfaces.
- Experienced with template engines such as Twig and Blade, and capable of developing dynamic and interactive interfaces using JavaScript, jQuery, Ajax, and AngularJS.
- Versatile in working with APIs, including RESTful services and third-party integrations (e.g., Facebook, Google, Twitter, Instagram, and biometric/authentication SDKs), with strong command over JSON and XML data formats.
- Well-versed in microservices architecture, enabling seamless communication using RabbitMQ, and applying automation through Python scripting.
- Proficient in database technologies like PostgreSQL, MySQL, MongoDB, Elasticsearch, and ORMs such as Mongoose and Eloquent for efficient data modeling and retrieval.
- Expert in containerized development using Docker, ensuring consistency across development, staging, and production environments.
- Experienced in cloud services from AWS (e.g., S3, Lambda, EC2), Microsoft Azure (e.g., Azure Functions, Blob Storage, Azure DevOps), and Google Cloud Platform (e.g., Cloud Run, Firebase, Cloud Storage) for deploying, scaling, and maintaining applications.
- Skilled in version control and collaboration tools including Git, GitLab, Bitbucket, GitKraken, Sourcetree, and SmartGit.
- Confident in server and environment management via SSH, SCP, FileZilla, and local development setups like XAMPP and WAMP.
- Experienced in backend testing and API validation using tools such as MochaJS, ChaiJS, ExpressJS, and Postman.
- Productive using development environments like PyCharm, Android Studio, and Visual Studio Code, streamlining workflows and maintaining code quality.
- Familiar with CMS and eCommerce platforms like WordPress, Drupal, and Akeneo, and libraries like UnderscoreJS.

- Strong in debugging, performance tuning, and application optimization, ensuring stability and high performance across platforms.

## **EDUCATIONAL BACKGROUND**

College: Rizal Technological University

Degree: Bachelor of Science in Information and Communication Technology

Year: 2005 – 2011

High School: Jose Rizal University

Year: 2001 – 2005

Elementary: Eulogio Rodriguez Integrated School

Year: 1995 – 2001