

MARK NICHOLAS CAGAS

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GitHub | LinkedIn | Portfolio

EDUCATION

University of the Philippines Diliman

Bachelor of Science in Computer Engineering, Magna Cum Laude

DOST-SEI Merit Scholar. UP Alumni Association of San Francisco Mentee.

GWA: 1.37/1.00

September 2021—July 2025

TECHNICAL SKILLS

Programming Languages: Java, C, C++, Python, JavaScript, TypeScript

Libraries/Frameworks: Angular, Spring Boot, React, Sveltekit, Next.js, Node, OpenCV, Pandas, Keras, Scikit-Learn, TensorFlow

Tools/Platforms: Jenkins, Docker, Bitbucket, Azure, AWS, GitHub, GitLab, Firebase, Postman, GraphQL, SonarQube, MySQL, PostgreSQL, MongoDB, Jira, Redmine

WORK EXPERIENCE

Manulife IT Delivery Center Asia, Inc.

Makati City, Philippines

Full Stack Software Engineer Intern | Angular, Spring Boot, MongoDB, Bitbucket, Jenkins, GraphQL, Azure, Snyk, SonarQube, Jira

February 2025—Present

- Collaborated in the development of a reactive microservices-based document management system in an Agile environment, resolving 4 backlog tickets and integrating 3 external APIs.
- Streamlined CI/CD pipelines, implementing test-driven development to ensure timely delivery of incremental code changes and reducing post-deployment issues by 25%.

Azeus Systems Philippines Ltd.

Pasig City, Philippines

Web Developer Intern | Vue.js, Quasar, Jest, Playwright, GitLab, Redmine

November 2024—February 2025

- Created and migrated 8 forms from Convene ESG v2 to ESG v3, using the Builder Pattern in an Agile Development environment, boosting code reusability and maintainability.
- Developed and maintained unit tests and end-to-end tests during migration, creating mock data for integration testing, resulting in 94% code coverage and 82.1% test coverage.

Maya (Voyager Innovations, Inc.)

Mandaluyong City, Philippines

User Experience and Design Intern | Figma, Typeform, Miro, Google Workspace

August 2024—October 2024

- Concept-tested Maya Business 3.0s Payment Links feature for B2B/B2C MSMEs, uncovering key pain points and mapping the user journey, leading to a 40% reduction in task completion time.
- Benchmarked and designed application assets, raising user engagement by 30% through cohesive design strategies.
- Redesigned the High Engagement Banking system for the Maya Consumer app to streamline interest-boosting tasks for users, analyzing user feedback to refine UI/UX flows, resulting in a lower task completion time of 20%.

Analog Devices, Inc.

Cavite, Philippines

Digital Design Verification Intern | Verilog, Xcelium, Adsim, vManager, Shell Script, Jira

June 2024—July 2024

- Developed an optimized test plan, achieving 97.84% test coverage in the RTL design of an elevator control system.
- Automated test procedures through regression, reducing errors by 30% and expediting release cycles.

GCash (Mynt - Globe Fintech Innovations, Inc.)

Taguig City, Philippines

Technology and Operations Intern | Figma, React.js, Node.js, Git, GitHub


July 2023—September 2023

- Led the development of a loan management system to improve GLoan audit for Mynt and Fuse Lending.
- Documented incident handling procedures, accelerating resolution times and ensuring higher service availability.

EXTRACURRICULARS

UP Career Assistance Program for Engineering Students

Quezon City, Philippines

UP CAPES Job Fair 2025 Tech Lead | Bootstrap, Django, Python, AWS LightSail, S3 | 

February 2025—March 2025

- Overhauled the CAPES portal by leading a cross-functional team and establishing a structured channel to integrate key features and subevents, achieving 2,489 views, 369 active users, and 5,530 event counts in the first 5 days of release.

UP Junior Finance Association

Quezon City, Philippines

UP Fair Quests 2025 Logistics Head

January 2025—Present

- Planned a comprehensive manning strategy for UP Fair Quests 2025, encompassing overall communication and coordination channels, face-to-face ticket-selling guidelines, volunteer management, and stub procurement.

Web Design Director | Figma, Webflow, Memberstack, Airtable, Zapier


December 2021—June 2022

- Gained 3,000+ active users for the Philippine Financial Summit 2022 website by mobilizing a finance education platform
- Implemented interactive assessments to enhance engagement, resulting in a 60% increase in course completion rates.

ACHIEVEMENTS

Globe Telecom – Code to Career Hackathon 2025 | Champion

Taguig City, Philippines


Frontend Developer | React, FastAPI, MongoDB, Amazon API Gateway, S3, Lambda, EventBridge | 

January 2025

- Pitched and created a crowdsourcing tool that scraped and performed sentiment analysis on approximately 400+ social media posts (X/Twitter) to detect customer complaints and provide live visualization of outage reports under 5 hours.

Meralco – IDOL Hackathon 2024 | Champion

Pasig City, Philippines

Team Lead & Full Stack Developer | Arbitrum Blockchain, Solidity, Next.js, Postman, Vercel | 

November 2024

- Presented a real-time net energy monitoring dashboard built on a decentralized platform through the deployment of 3 smart contracts, winning ₱100,000 as the best energy sustainability solution aligned with Meralco's business and sustainability goals.

CERTIFICATIONS

- Microsoft Certified Azure Fundamentals (AZ-900)