MARIA THERESA G. DE OCAMPO

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EXPERIENCE

Full-Stack JavaScript Developer
Quasset

📅 Sept 2022 - Present   ⚲ Ayala Ave, Makati

- Executed a live version upgrade of Azure Database for PostgreSQL Flexible Server from v13 to v17 using logical replication, achieving zero data loss and minimal downtime.
- Wrote and executed SQL migration scripts, seamlessly handling 5GB of critical customer data to integrate new features and meet evolving requirements.
- Spearheaded the development of an internal website for cross-departmental use, incorporating role-based authentication via Microsoft Entra ID and NextAuth.
- Authored and maintained 3,000+ unit tests using Jest, aligning with the team's C0/C1/C2 coverage standard.
- Implemented real-time monitoring using Azure Application Insights, and Azure App Service's diagnostics logging by configuring error boundaries.
- Integrated apps with data measures using Google Tag Manager, Facebook Conversions API, Klaviyo, and KnoCommerce for the marketing team.
- Implemented security measures against replay attacks using Google reCAPTCHA's frictionless system with fallback to manual visual challenge if flagged as a potential bot.
- Optimized loading of data by implementing server-side pagination.
- Created React components for complex forms using Headless UI, and React Hook Form. Used several schema validators such as Yup, Zod, and AJV.
- Developed financial tracking tools with TypeScript and AntDesign.
- Built web apps with support for internationalized routing using Next.js, storing each language version on separate JSON files.
- Designed wireframes and user flows in Figma while establishing the project's component library.
- Assessed applications by conducting End-to-End Testing, Regression Testing, and Lighthouse Testing.
- Responsible for the iterative production deployment of applications using Docker and Azure Pipelines.
- Led Sprint Plannings and Sprint Reviews with Netherlands-based stakeholders.
- Actively participated in project management by creating Work Breakdown Structures (WBS) and managing Azure Boards that implements Agile Scrum practices.
- Created technical designs for multiple projects in direct collaboration with the Chief Technical Officer (CTO).
- Effectively communicated and presented programming technologies to developers of varying expertise levels from the Philippines and Netherlands.
- Documented back-end and database modules with sequence and use-case diagrams.

Web Development Intern
Taktyl Studios

📅 April 2022 - July 2022   ⚲ Fort Palm Spring, Taguig

- Migrated Laravel app to full-stack JavaScript solutions.
- Built responsive pages with semantic HTML, and minimal HTTP requests in mind.
- Designed RESTful APIs using Strapi with Amazon S3 integration.
- Developed architectural plans for the database schema with support for white labelling.
- Implemented a reservation module using Object-Oriented Programming, integrated with Nodemailer to send receipts of successful bookings.

LANGUAGES

JavaScript   PHP   Python

FRONT-END

HTML   CSS   React   Next.js
Tailwind   Chakra UI   Recoil   MobX

BACK-END

Node.js   Express   Laravel

MICROSOFT AZURE

App Insights   App Services   Entra ID
Functions   Key Vault   Service Bus
Storage   PostgreSQL Flexible Server

DEVOPS

Azure DevOps   Docker   Git

DATABASES

PostgreSQL   MySQL

CONTENT MANAGEMENT SYSTEMS (CMS)

Sanity   Strapi

ECOMMERCE

Shopify   Mollie   PayPal

TOOLS

Postman   Trello   Adobe Suite

CERTIFICATIONS

Microsoft: Azure Fundamentals 🔗
Microsoft: Azure Developer Associate 🔗
Certiprof: Cyber Security Foundation

EDUCATION

B.S. in Information Technology
Polytechnic University of the Philippines

Batch Valedictorian

📅 2018 - 2022   ⚲ Manila