

Valerie Catubay

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Professional Summary

Senior Software Engineer with 9+ years of experience designing and developing scalable applications, leading cross-functional teams, and delivering enterprise-grade solutions in various industries. Skilled in .Net, Python, Node JS and cloud-native systems (AWS, Docker, Azure, Google), with a track record of improving performance, reducing costs, and mentoring developers. Visit my portfolio above to get to know more about me.

SKILLS

Languages:	Python, JavaScript/TypeScript, C#
Frameworks/Libraries:	React, Node.js, FastAPI, .NET Core
AI:	Lovable, Ollama, Llama3, GPT, OpenAI, AI Integration
Databases:	PostgreSQL, MySQL, SQL, MongoDB, Firebase, CosmosDB
Cloud & DevOps:	AWS, Azure, GCP, Docker, CI/CD (GitHub Actions)
No Code/ Low Code:	Outsystems, Zoho, Odoo, Appian
Others:	REST APIs, Microservices, Agile/Scrum, Elastic Search, Qlik

TAS Tradesoft Inc., Remote (PH)— *Senior Engineer*

APRIL 2020 - PRESENT

- Architected and led development of a microservices-based query application handling 100M+ records/month, **improving reliability and reducing query and infrastructure cost by 35%.**
- Optimized database queries, indexes and caching strategies, **cutting API response times of querying 100M + records by almost 80% and improving new customer relation by 80%.**
- Collaborated with product managers and stakeholders to define system requirements, **resulting in a 40% faster release cycle across project timelines.** Not only as a developer but also as an adviser to the client.

Weava, Remote (PH) — Software Engineer

APRIL 2018 - APRIL 2020

- Refactored legacy codebase, reducing technical debt and **cutting bug reports that is critical to retain user base for the application.**
- Built and migrated financial process from manual to online payment, implementing subscription based pricing, auto debit collection that **increased the company's profit by 50%.**
- Led digital marketing campaigns like new features, suggestion portals, SEO improvements, user tracking, email notifications that **increases the user base by 30%.**

AFS Dynamics, Remote (PH) — Software Engineer

MARCH 2019 - APRIL 2020

- Collaborated with product managers and stakeholders to define system requirements, acting as the business analyst, developer, quality assurance at the same time to help this startup company **deliver the committed projects within 6 months.**
- Architected a cloud based solution (physical server setup to AWS services) for a storage dependent application that **saves physical architecture cost by 60% and improved the speed and reliability of an old application by 80%.**

Direct Sourcing Solutions, Clark (PH) — Junior Data Scientist

August 2017 - March 2019

- Joined a team of professionals to design and develop marketing dashboards for Hongkong based companies like **Chanel, Asurion, Cathay Pacific, HSBC** using QlikSense, Alteryx and Tableau **that helps increase the productivity of their employees.**
- **Led and trained a team of 6 newly joined individuals** as part of the research and development team to extend the capabilities and features mainly of QlikSense application that targets it to be deployed as a potential web application.

KEY PROJECTS: (Recent personal projects)

MySpace

- A web application integrated with AI(local Llama3) that helps productivity and knowledge retention across multiple projects. You can add projects, tasks, notes, daily prompts and chat with AI to get more insights while not thinking about data privacy since the AI is hosted locally. The AI learns with you the more you interact with the application.

EDUCATION

BATAAN PENINSULA STATE UNIVERSITY, BATAAN PH

Bachelor of Science in Net and Web Technology

JUNE 2014 - JUNE 2017, Bataan

- Consistent dean's lister
- Best thesis award for the batch of 2017 BSIT students.