Michael Spencer Quinto

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Skills

Software Engineering, Machine Learning, DevOps, MLOps, Typescript, Python, PyTorch, SKLearn, ReactJS, PostgreSQL

Experience

Oct 2024 - Jan 2026

CubicPayroll / **GUEST Manpower Services, Pampanga** – *Principal Software Engineer*

- Built, scaled and managed a full-stack enterprise HRIS/Payroll app from scratch including its web app, server and mobile app.
- Provisioned and deployed infrastructure and services including VPS instances with Docker, AWS S3, Postgres, Redis, Cloudflare CDN & DDoS protection and DNS.
- Architected and Implemented the entire application including database schema design, typesafe ORM queries using drizzle, full-stack typesafety using tRPC, backend architecture, middleware, auth, security, ABAC, data validation, and optimization.

Jan 2021 - Jul 2024

90 Design Studio, Baguio – *Full-Stack Software Engineer*

- Led the development of a web application and data pipeline that semi-automates the transfer and transformation of data from Autodesk Revit and Notion into Google sheets using the Revit API, Python, Typescript and NextJS.
- Created various other automation scripts via Google Apps Script for transferring selected pieces of data from Notion to Google sheets or vice versa.

Nov 2017 - Dec 2020

90 Design Studio, Baguio – *Computational Designer*

- Led the structural conceptualization of a pedestrian bridge that tries to minimize cost, structural deflection, and materials while maximizing strength and durability using evolutionary algorithms.

Education

2025 (Expected)

University of the Philippines – *Master of Engineering in Artificial Intelligence, 1.3 GWA*

2023

University of the Cordilleras – *Master in Information Technology, 91.3 GWA*

2017

Saint Louis University – *Bachelor of Science in Architecture, 88.89 GWA*