Adrian Gomez

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# Education

* B.S. in Computer Science – University of the Philippines Diliman, 2020
* Graduated Cum Laude
* Best Thesis Award: Optimizing API Performance through Asynchronous Python

# Certifications

* PCEP™ Certified Entry-Level Python Programmer
* AWS Certified Developer – Associate
* SQL for Data Science (Coursera)

# Skills

Python, Flask, FastAPI, Pandas, NumPy, SQL, Git, Docker, REST APIs, Unit Testing

# Experience

* **Software Engineer | BrightTech Solutions | 2021–Present**
* Reduced API response times by 35% by redesigning monolithic endpoints into microservices using FastAPI and asynchronous programming.
* Improved reporting performance by 25% by optimizing SQL queries and implementing caching strategies across key dashboards.
* Increased overall code reliability by 20% by introducing a PyTest-driven testing framework and enforcing CI/CD integration.
* **Junior Python Developer | CodeCraft Labs | 2020–2021**
* Automated ETL pipelines to process 500K+ records daily, saving an average of 15 staff hours weekly and reducing manual workload.
* Lowered bug occurrence rates by 15% by introducing structured testing practices and consistent code review processes.
* Enhanced dashboard refresh time by 40% through backend script restructuring and efficient data handling techniques.
* **Software Development Intern | Nexa Innovations | 2019**
* Migrated 50+ legacy scripts from Python 2 to Python 3 with zero downtime, ensuring backward compatibility and stability.
* Developed a web scraper that reduced competitor market research time by 90% by automating data collection processes.
* Authored documentation for 20+ reusable utility functions, which sped up onboarding time for new developers.