

Ardy N. Ubanos

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Professional Experience

Shrader Technologies - Sr. Software Engineer

October 2024- June 2025

- Develop Python APIs to support various application functionalities
- Utilize LLMs to streamline processes and improve functionalities
- Handle backend infrastructure, ensuring scalability and reliability
- Assign tasks to junior developers and provide technical guidance
- Review and refactor code to improve quality, maintainability, and performance
- Participate in project requirement gathering to align technical solutions with business needs

Technologies used: Python, Postgres, Trello, Azure, Git, Github, FastAPI, AI, Prompt Engineering

LPU Manila - Faculty Lecturer (Part-time)

Feb 2025 - July 2025

- Deliver lectures on Software Analysis and Design concepts and methodologies
- Design course materials, case studies, and assessments aligned with industry practices
- Evaluate student projects and provide constructive feedback on system design

Technologies used: Trello, LLMs, AI models like Claude, Microsoft Suite

Arch Global Services - Mid Software Engineer

Nov 2022 - July 2024

- Develop utilities to automate repetitive tasks
- Develop Python APIs that consume machine-learning models
- Improve code quality and performance of the existing codebase
- Participate in project requirement gathering

Technologies used: Python, MSSQL, Databricks, Snowflake, Azure, Git, GitHub

Cargobase - Backend Developer; Singapore

Mar 2022 - Nov 2022

- Develop and update backend API and simple UI requirements
- Update functionalities based on Customer requests
- Review the code and suggest an improvement

Technologies used: Python, Django, DRF, MySQL, JavaScript, AWS, Git, Bitbucket

Quadralogix - Full-stack developer/ Scrum Master; Philippines

May 2020 - Mar 2022

Development

- Develop software using backend and frontend languages/frameworks
- Handles basic deployment to the cloud

Technologies used: Python, Django, DRF, Postgresql, MongoDB, Bootstrap, AWS, Git

Management

- Handles sprint planning/meeting
- Guides team toward successful project delivery
- Meet with clients and partners to identify the project requirements

Technologies used: Jira tools, Spreadsheet

Education

Technological Institute of the Philippines - Quezon City | MS Computer Science (Graduate)

Sep 2023 - Sep 2025

Research Topic: AI-Enhanced Food Recommender System Using DeepFM Predictive Model

Algorithms/Techniques used: Factorization Machine, Deep Neural Network, DeepFM

Technological Institute of the Philippines - Manila | BS Computer Science (Graduate)

Jun 2017 - Jan 2022

Research Topic: Skin Cancer Detection Using Feed-Forward Neural Network with Analytics

Polytechnic University of the Philippines - Main | BS Food Technology (Graduate)

Jun 2012 - Mar 2016

Research Topic: Healthy VCO-based Food Spread