Boholst, Dianne C.

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🔗 Dianne Boholst   🐙 https://github.com/gittydia

SUMMARY

Aspiring Backend Developer with a strong foundation in Python, backend architecture, middleware (FastAPI), Databases, AI, and Agentic AI. Self-taught and highly motivated, with a passion for learning emerging technologies and applying engineering methodologies to build efficient, scalable, and reliable systems. Seeking opportunities to gain professional real-world experience in backend development, collaborate with experienced teams, and refine technical expertise under professional mentorship. Dedicated to tackling complex challenges, adhering to industry best practices, and contributing meaningful work that drives impact.

TECHNICAL SKILLS

Programming Languages	*Python(FastAPI), JavaScript*
Database Managements	*MySql, Firebase, MongoDB*
Tools	*Git, GitHub, Figma, Postman, Docker, Render*
Frameworks	*React, JWT*

CERTIFICATIONS & TRAININGS

Complete Data Science & machine Learning Course *July 2024*
Udemy

Crash course on Python *July 2024*
Coursera

Introduction to Cybersecurity *June 2024*
Cisco

Querying Fundamentals with MySQL Essentials For Beginners *Nov 2024*
DAPH

Oracle Cloud Infrastructure 2024 Certified AI Foundations Associate *Feb 2025*
Oracle University

PROJECTS

PDFhero (Python, FastAPI, Deepseek, HTML, CSS, JavaScript)
- *Developed an AI-powered study assistant that processes PDFs to generate concise and well-organized explanations. Features include automatic note generation using AI, simplified "explain like I'm five" notes, and a pretest function to aid efficient learning.*

RuleBox-F1(Python, FastAPI, Deepseek, Next.js, MongoDB, Docker, Render, JWT)
rulebox-f1.onrender.com
- *Built a full-stack AI-powered platform that enables users to navigate FIA Formula 1 regulations through natural language search and intelligent Q&A. Implemented automated PDF ingestion, JWT-based authentication, and a modern frontend for a seamless, production-ready user experience.*

EDUCATION

Rizal Technological University Boni, Mandaluyong, 1550
Bachelor of Science in Information Technology *2023 - Ongoing*
Cumulative GWA: 1.50, Academic Achiever 2023-2025
Relevant Course Work: Software Engineering, Networking, Algorithms and System Design

EVENTS

BPI DATAWAVE 2024
Java User Group : Next-Gen Development with Java and Generative AI
InnOlympics 2025