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SUMMARY

I am a passionate computer science graduating student seeking an entry-level role. I have a strong foundation in both front-end and back-end technologies. My commitment to continuous learning and adaptability enables me to quickly absorb new technologies and stay current with the ever-evolving tech landscape. As I continue to develop my skills, I am eager to apply them to real-world challenges, grow professionally, and make meaningful contributions to development teams.

SKILLS

Programming Languages: Python, HTML, CSS, JavaScript, PHP, SQL, C++

Front-end Framework: React, TailwindCSS, Bootstrap

Back-end Framework: Flask, Django, Odoo, MVC

Database Management System: PostgreSQL, MySQL, Firebase, XAMPP

Version Control: Git, Gitlab, Github

Development Tools: Vercel, Docker, GCP, AWS

Soft Skills: Adaptability, Problem solving, Attention to detail, Active listening

EXPERIENCE

Achieve Without Borders, Inc.

Feb 2025 - May 2025

Full Stack Developer Intern

Manila, Metro Manila

- Enhanced and maintained the company's Human Resource Information System (HRIS) using Odoo which follows MVC system architecture utilizing Git for version control and team coordination.
- Collaborated closely with the QA team, FC team, and supervisor in an Agile Scrum environment to ensure product quality, usability, and alignment with evolving project requirements through sprint-based development and continuous feedback.
- Developed a portal version of the HRIS tailored for users with limited (portal-only) access, focusing on user interface and functionality using combination of XML, TailwindCSS, JavaScript, and Python in Odoo Framework.
- Set up test data, executed unit test cases, and built YAML-based automated tests for CRUD validation in the HR workflow, executed via Docker.

RELEVANT COURSEWORK

- Front-end Web Development
- Database Systems
- Back-end Development
- Python Development

CERTIFICATION

Meta Django Framework Certification

- Issued by: Meta via Coursera - June 21, 2025
- Verify at: <https://www.coursera.org/account/accomplishments/records/HQ80NHYZ54BG>

Meta Advanced React Certification

- Issued by: Meta via Coursera - May 9, 2025
- Verify at: <https://www.coursera.org/account/accomplishments/records/WC22QAS4G964>

Responsive Web Design Certification

- Issued by: FreeCodeCamp - January 9, 2025
- Verify at: https://www.freecodecamp.org/certification/jay_peek/responsive-web-design

PROJECTS

Agripedia (*Thesis*) | Python, Firebase, DL, Google Cloud Console, C++ Aug 2024 - May 2025

- A Deep Learning Approach for Crop Health Monitoring Using YOLOv5 and VGG-16-Based Leaf Disease Detection.
- Integrated Firebase Firestore with Python to manage real-time crop data.
- Implemented Python scripts on Cloud Run to detect new images in Cloud Bucket, use YOLO for leaf cropping, apply VGG16 for disease detection, and store results in Firestore.
- Created Python scripts for crop data analysis using fuzzy logic and moving averages for a user-dashboard, and created C++ scripts for microcontrollers using Arduino IDE.

E-Commerce RBAC System | HTML, CSS, JS, PHP, SQL, XAMPP, AWS Aug 2024 - Sep 2024

- Created a personal e-commerce web app with admin and user functionalities.
- Built a responsive, interactive, and user-friendly front-end using HTML, CSS, and JS.
- Implemented back-end functionality with PHP and SQL for user, product, and order management.
- Deployed the database using Amazon RDS, and hosted the application on AWS EC2.

TweetPulse - Twitter Sentiment Analysis | Python, Flask, HTML, CSS, JS Dec 2023 - Jan 2024

- Developed a web application for performing sentiment analysis on public tweets from Twitter.
- Built a responsive, interactive, and user-friendly front-end using HTML, CSS, and JS.
- Developed back-end functionality using Python and Flask to process data, and analyze tweets through integrated sentiment analysis model called Roberta.

W2Eat - Food Voting Discord Bot | Python, Discord API Dec 2023 - Jan 2024

- Developed a discord bot to help groups of friends decide what to eat by utilizing Instant Runoff Voting.

LANGUAGES

English - Intermediate

Filipino - Native

EDUCATION

Technological University of the Philippines

Bachelor of Science in Computer Science
Cumulative GPA: 1.51; Cum Laude

Sep 2021 - Aug 2025

Manila, Metro Manila