



CHARLIE HO

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SUMMARY

A Computer Engineering graduate with a strong foundation in backend development and database management. Proficient in Python, Django, and JavaScript, with experience working with databases like MongoDB and MySQL. Skilled in building efficient APIs, optimizing server-side logic, and integrating backend systems. Passionate about solving complex technical challenges and contributing to innovative projects in a dynamic environment.

WORK EXPERIENCE

Kubota Philippines Inc.

November 2024 - August 2025

Backend Development

- Developed a web-based Travel & Official Business Request System, streamlining approvals, documentation, and cash advance workflows.
- Implemented multi-role access, email alerts, time logging, and dynamic approval routing to enhance efficiency.
- Built backend with Flask (Python), database with MongoDB, and frontend using HTML, CSS, JavaScript.
- Integrated Flask-Login with Bcrypt for authentication, Flask-Mail (SMTP via Gmail) for notifications, and RESTful APIs with Swagger UI for API integration and documentation.
- Supported both front-end and back-end functionality while recommending design and process enhancements.
- Familiar with cloud platforms including Azure, AWS, and Google Cloud.

Technical & Application Support

- Troubleshoot and optimized SAP-connected databases, ensuring seamless system integration and performance.
- Maintained and secured APIs (encryption, authentication, user access) and resolved issues such as timeouts, connection errors, and server-side errors (500–507).
- Provided technical assistance, documentation, and reporting for SAP-related applications.
- Developed, tested, and deployed business applications, applying SDLC principles for system integration and process improvement.
- Generated scheduled and ad hoc reports, ensuring accuracy, consistency, and relevance of data.

Einstein Design Ltd

October 2025 - Present

Full Stack Developer

Taskly – Job Management & Productivity Platform

- Developed a full-stack web application that streamlines job management, client communication, invoicing, and task scheduling for service-based businesses.
- Built responsive UI components and workflows to enhance user productivity and improve task tracking efficiency.
- Designed and integrated secure backend APIs, automation features, and data handling processes to support scalable business operations.
- Implemented a modern, clean, and user-friendly interface to optimize workflow management and improve overall user experience.

EDUCATION

Batangas State University

2020 - 2024

BS Computer Engineering

Our Lady of Caysasay Academy

2008 - 2020

Elementary 2008 - 2014

Junior High School 2014 - 2018

Senior High School - STEM 2018 - 2020

SEMINARS

- Embracing DevOps Excellence: A Journey to Continuous Innovation - 2023
- Unlocking the Power of Containers: Demystifying Containerization for All - 2023

CERTIFICATIONS

- AWS Cloud Technical Essentials - 2023
- Business Communication Training - 2025