



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.

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