

# Chester Ken G. Gallego

chesterkengallego@gmail.com ❖ chesterkengallego.is-a.dev ❖ linkedin.com/in/chstrkn ❖ github.com/chstrkn

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## PROFESSIONAL SUMMARY

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Software Developer and Computer Science graduate (cum laude) with professional experience building full-stack enterprise solutions. Proficient in C#, ASP.NET MVC, and Oracle PL/SQL, with a proven track record of delivering high-integrity ERP and WMS modules, from inventory and finance integration to demand forecasting. Experienced in writing clear technical documentation and collaborating on impactful projects that solve real-world problems.

## WORK EXPERIENCE

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### Macky Champ Software Ventures, Inc.

Oct. 2025 – Present

#### Junior Software Developer

Parañaque, Metro Manila

- Engineered a demand-forecasting engine implementing 5 statistical models (Croston, SBA, TSB, Holt-Winters, ARIMA) with automatic model selection and confidence intervals, achieving ~5% MAPE on backtested historical sales data and surfacing rollups by SKU, brand, or company total.
- Integrated inventory with the ERP's finance module across 2 end-to-end cycles: order-to-cash (sales orders through AR and collections) and procure-to-pay (purchase orders through AP and payments).
- Built 4 core inventory modules (inbound, outbound, issuance, adjustments) for an enterprise ERP in C#/ASP.NET MVC and integrated them with the company's WMS.
- Developed a budget planning and consolidation module that rolls department-level budgets into a company-wide view with reusable budget references.
- Authored Oracle PL/SQL procedures and packages for Save/Edit operations, implementing transaction-level validation to ensure robust data integrity.
- Produced technical documentation for developers and user manuals for end users, ensuring clarity across complex system processes and use cases.

### Seaversity, Inc.

Jun. 2024 – Jul. 2024

#### Software Engineer Intern

Manila, Metro Manila

- Developed SeavXR, a full-stack web application, from company Figma mockups using the Nuxt framework.
- Collaborated with a team of interns to scope and deliver project requirements.

## SKILLS

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- Languages:** C#, PL/SQL, JavaScript, Python, Java, C, C++, PHP, SQL
- Frameworks & Tools:** ASP.NET MVC, Nuxt, Vue.js, React, Node.js, React Native, Flutter, Firebase, Figma, Git, GitHub
- Databases:** Oracle, MySQL, PostgreSQL
- Other:** ERP, WMS, REST APIs, Object-Oriented Programming, Technical Writing, Game Development, Pixel Art

## PROJECTS

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### UPTap

Oct. 2024 – Jun. 2025

#### Undergraduate Special Problem (Thesis)

- An attendance management system built for UP System. Uses facial recognition and RFID scanning for fast and efficient attendance recording.
- Technologies: Python, PostgreSQL, Nuxt, GitHub, Git

### PawPal

Sep. 2023 – Jun. 2024

#### Software Engineering Project

- A mobile application primarily intended for pet owners seeking guidance, advice, or help concerning their pets, and veterinarians who want to provide online services.
- Technologies: React Native, Firebase, Figma, GitHub, Git

### IsKommerce

Mar. 2023 – Jun. 2023

#### Web Development Project

- An e-commerce web application that aims to solve the problem faced by UPV organizations struggling to sell their merchandise due to limited exposure and lack of online presence.
- Technologies: HTML, CSS, JavaScript, PHP, MySQL, Figma, GitHub, Git

## EDUCATION

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### University of the Philippines Visayas

Sep. 2021 – Jul. 2025

B.S. in Computer Science, cum laude

Miagao, Iloilo