

MALIGAYA, GHELONICO G.

Philippines

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Portfolio: <https://ghelonico.site>

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Professional Summary

Systems Analyst and Full-Stack Software Engineer with 6+ years of experience analyzing business requirements, designing enterprise solutions, and developing web, mobile, and backend applications. Experienced in translating management and operational requirements into scalable technical solutions, optimizing business workflows, designing databases, developing SQL reports, and leading the complete software development lifecycle from requirements gathering through deployment and production support. Strong background in enterprise systems supporting sales, logistics, warehouse, transportation, HR, and inventory operations.

Professional Experience

Monheim Group of Companies

Full-Stack Software Engineer

February 2022 – Present

- Worked closely with management to analyze business requirements, workflow improvements and implement system enhancements technical solutions supporting sales, warehouse, logistics, transportation, HR, inventory, and customer management.
- Built offline-first mobile applications using React Native (Expo), Android Java, SQLite, and REST APIs with synchronization for field sales representatives.
- Developed and maintained backend services using Node.js, Express, JWT authentication, Prisma ORM, and RESTful APIs.
- Designed, optimized, and maintained SQL databases, stored procedures, queries, and operational reports to support business processes and management reporting.
- Built warehouse and barcode management systems integrating mobile apps, desktop applications (VB.NET), barcode scanners, and backend APIs.
- Designed and implemented enterprise systems for sales, warehouse, logistics, transportation, HR, inventory, and customer management.
- Managed production databases and servers on Windows Server and Linux (Proxmox).
- Deployed and maintained production applications using Docker, GitHub Actions, Jenkins, Cloudflare, Vercel, Windows Server, Linux, and Proxmox.

- Served as the sole technical owner, leading the complete software lifecycle from requirements gathering and system design to deployment, production support, and ongoing system enhancements.
- Mentored On-the-Job Trainees in software development fundamentals, React, Node.js, and mobile application development.

Rizal Public Utility Vehicle Transport Service & Multi-Purpose Cooperative

System Analyst

May 2019 – January 2022

- Maintained and enhanced the cooperative's transportation management system using VB.NET, MSSQL, and Crystal Reports.
- Developed a Loan Management System using C# WinForms and SQL Server.
- Integrated CCTV and GPS systems for vehicle monitoring and reporting.

Monheim Group of Companies

Programmer

November 2017 – March 2019

- Converted 16 B2B banking data formats using VB.NET, reducing manual processing and improving data accuracy.
- Enhanced Android Sales Force Automation applications with online update capabilities.
- Developed internal timekeeping and operational reporting systems.

Technical Skills

- Backend: Node.js, Express, NestJS, REST API, JWT Authentication
- Frontend: React, Next.js, React Native, Tailwind CSS
- Databases: MSSQL, PostgreSQL, MySQL, SQLite, Prisma ORM
- DevOps: Docker, GitHub Actions, Jenkins, Git, AWS, Vercel, Cloudflare, Linux
- Languages: TypeScript, JavaScript, SQL, C#, VB.NET, Java, PHP

Featured Projects

Happy Snippet (Next.js • PostgreSQL • Prisma • Tailwind CSS • TypeScript)

- Online platform for saving, organizing, and publicly sharing code snippets.

Personal Portfolio (Next.js • Vercel • Cloudflare R2 • TypeScript)

- Developer portfolio showcasing projects, technical skills, and experience.

Education

Bachelor of Science in Information Technology

STI College Ortigas•Cainta (2014–2018)