Carls Dale Escalo

Full-Stack Developer

Cavite, Philippines | Open to remote (UTC+8, flexible overlap with US/AU/EU hours)
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PROFESSIONAL SUMMARY

Full-stack developer with nearly 3 years of experience building internal platforms and SaaS products with Next.js, TypeScript, Node.js and Docker. Leads the architecture of an enterprise learning platform at Rustan Marketing Corporation and introduced the company's first CI/CD pipeline. Independently builds and ships products, including a quotation SaaS for Philippine service businesses and a native Android resume builder. Writes clear technical documentation and works well independently, suited to async, remote teams.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Kotlin, SQL
Frontend: Next.js, React, Tailwind CSS, HTML, CSS
Backend and Databases: Node.js, Express.js, MongoDB, MySQL, Firebase
Cloud and DevOps: Docker, Google Cloud Platform (GCP), GitLab CI/CD, Vercel, Cloudflare, Linux, Git, GitHub
Mobile: Android (Kotlin, Android Studio)
Practices: AI-assisted development, technical documentation, code review, Agile

EXPERIENCE

Systems Developer | Rustan Marketing Corporation | Makati, Philippines 02/2026 – Present

- Lead the architecture and development of the RMK Learning Hub, a full-stack platform (Next.js, Node.js, Express.js) for onboarding, compliance tracking, role-based access control (RBAC), automated certificate generation and audit logging, piloted with 10 brand associates for leadership training ahead of an organization-wide rollout across departments.
- Introduced the company's first CI/CD pipeline (GitLab): a 4-stage install, validate, build and deploy workflow that packages the Next.js frontend and Node.js backend as Docker images and deploys to Google Cloud Platform with zero-downtime releases, across 600+ automated pipeline runs.
- Authored deployment guides for the containerized Next.js and Node.js architecture, now the department's standard DevOps framework for new internal projects.
- Developed standalone Python desktop applications packaged as portable installers to automate administrative workflows across departments.
- Maintain and modernize the corporate Webflow website in collaboration with the UI/UX team.

IT Specialist | Citimax Group Inc. | Taguig, Philippines 10/2023 – 10/2025

- Designed and built an internal IT ticketing system (React, Firebase Realtime Database, Firebase Authentication) used by 80+ employees across retail, healthcare and industrial affiliates, centralizing cross-department issue tracking.
- Mentored 3 web development interns through the full software development lifecycle of prototype affiliate websites, including code reviews.
- Supported the Lead IT Administrator in resolving hardware and software issues across retail and healthcare divisions.

Web Developer Intern | Business Machines Corporation | Makati, Philippines 03/2023 – 06/2023

- Built a real-time library seat monitoring web application showing live seat availability.
- Co-developed responsive front-end interfaces for an e-commerce prototype.

PROJECTS

Relato – AI Resume Builder | Android (Kotlin) 09/2026 – Present

- Native Android app for building, editing and exporting PDF resumes fully offline, with a live WYSIWYG editor, 16 templates, and PDF import that turns an existing resume into an editable template.
- Built an on-device AI assistant that corrects grammar and phrasing without sending user data off the phone.
- In Google Play closed testing with 12 testers ahead of production release.

Bilyo | bilyoapp.com | Next.js, TypeScript, MongoDB, Vercel 08/2026 – Present

- Quotation SaaS for Philippine service businesses: clients open a public quote link and accept or decline without creating an account.
- Built email-verified sign-up, optional TOTP multi-factor authentication, multi-currency quotations, transactional email (Resend) and prepaid access plans; currently in free public beta.

EDUCATION

Bachelor of Science in Computer Science, Major in Social Computing | University of Makati 05/2019 – 08/2023