

# Charles Ian S. Monteloyola

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## PROFESSIONAL SUMMARY

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Software Engineer with ~2 years of industry experience spanning a healthcare-SaaS internship and full-time enterprise engineering, building React/TypeScript and Node.js applications on cloud-native AWS infrastructure, with a growing focus on AI/agentic engineering.

## EXPERIENCE

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- Amdocs** Ortigas, Philippines  
Software Engineer Mar 2025 – Present
- Gamified Learning Platform** Feb – Jun 2026  
Gamified weekly quiz platform with fantasy-themed progression, leaderboards, and admin-managed content driving continuous team learning.
- Owner and lead architect from inception through production — full-stack React and Node build with live quiz mechanics and admin tooling
  - Built the CI/CD delivery pipeline and agentic content-intake workflow, then supported internal rollout and production maintenance
- Enterprise Broadcast Management System** May – Aug 2025  
Enterprise broadcast campaign-management web app for a Tier-1 telecom operator, delivered on a legacy-to-cloud migration.
- Sole frontend engineer on a lean three-person team, delivering the full campaign-management interface end-to-end across phased delivery
  - Ran stakeholder demos and supported phased delivery through go-live and post-release handover
- Enterprise System Documentation Framework** Feb 2026 – Present  
Agentic legacy-modernization initiative for a major enterprise migration across dozens of module repositories.
- Lead contributor building an AI agent that documents legacy systems and their interfaces, then upgrades and refactors them in batches with human-in-the-loop review
  - Drove staged rollout with iterative testing and validation across the programme
- Reusable Internal AI Development Framework** Apr 2026 – Present  
Team-maintained agentic development framework of reusable AI skills, commands, and MCP installers for internal engineering teams.
- Authored a Markdown-to-slide presentation skill and an MCP installer for the learning platform
  - Extended internal CI/CD MCP tooling used across engineering teams
- Enterprise Communication Management System** Nov 2025 – Jan 2026  
Operator admin console for an international toll-free service, migrated from legacy web forms to a cloud-native React and Node stack.
- Full-stack engineer building React SPA modules and their backing APIs across the migration
  - Delivered role-based access and supported demos through go-live and maintenance handover
- Internal Resource Allocation Platform** Oct – Nov 2025  
Internal workforce demand and project-allocation platform giving Scrum Masters and Project Managers a single view of resource planning.
- Co-founded the frontend from scratch, architecting navigation, login, and import/export workflows
  - Built demand-allocation views iterated from internal stakeholder feedback
- Dashlabs.ai** Manila, Philippines  
Support Engineer Intern Mar 2024 – Jun 2024

Healthcare SaaS internship — clinic onboarding, technical support, and internal automation.

- Built a Google Workspace HR-automation bot on GCP and cut clinic onboarding time ~30% via templated document generation (HTML/CSS/Nunjucks)

## EDUCATION

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Mapúa University

Makati, Philippines

Bachelor of Science in Information Technology — Application Development

Sep 2024

## TECHNICAL SKILLS

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### Frontend

- **Core:** TypeScript, JavaScript
- **UI Frameworks:** React.js, Tailwind CSS

### Backend

- **Languages & Runtimes:** Node.js, Java, Python
- **Frameworks:** Express.js, Spring Boot
- **Databases:** PostgreSQL, Redis, MSSQL

### Cloud/DevOps

- **Cloud & Containers:** AWS, Kubernetes, Docker
- **CI/CD:** Jenkins, GitLab CI/CD, Git

### AI Tools

- **AI-Assisted Development:** Cursor IDE, GitHub Copilot, Generative AI
- **MCP & Agentic Tooling:** MCP SDK, Custom MCP Servers

## PROJECTS

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### Personal Portfolio Website

<https://charliebrown018.gitlab.io>

Live React portfolio with Framer Motion, dual themes, and code-split routes on GitLab Pages.

### MonteloUI

Glassmorphic React component library with token-driven dual themes, accessible components, and Stack/Panel layout primitives.

### ResumFit

Local-first resume builder with job-match scoring, browser-extension clipping, and client-side DOCX/PDF export — all TypeScript.

### ToolHub

Browser utility workspace with 10 client-side WASM tools (OCR, PDF, diff, QR) in a static React shell.

## CERTIFICATIONS

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- AWS Academy Graduate - AWS Academy Cloud Foundations (Mar 2024)
- GenAI Foundation (Sep 2025)
- Cursor: AI Tool (Jan 2026)
- Securing GenAI Systems (Jun 2026)
- ChatGPT-5 and the New Wave of ML Language Models (Sep 2025)
- Business Conduct Educational Process 2025 (Jun 2025)
- Green By Design Software Engineer (Jun 2025)
- TOEIC Speaking & Writing — CEFR Level C1 (S&W 400) (2024)