

# Richie Christian De Guzman

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

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## OBJECTIVE

Full-stack web and mobile developer with 3 years of experience building responsive, scalable applications using React, React Native, Next.js, and the MERN stack, with growing experience in Web3/blockchain and AI-integrated products. Seeking to contribute strong problem-solving skills and modern UI/UX practices to a growth-oriented development team.

## EXPERIENCE

### Full-Stack Developer Intern — DevCon Philippines

- Contributing as a full-stack developer intern within the DevCon Philippines developer community.

### Committee Member — AWS User Group Innovators Philippines

- Serve as a committee member supporting community initiatives and events for the AWS User Group Innovators Philippines.

## FEATURED PROJECTS

### Cadena — Web3 Governance & Finance Ecosystem *React · Next.js · Solidity · Hardhat · Wagmi · RainbowKit · Tanstack Query*

- A multi-functional dApp integrating decentralized peer-to-peer messaging, a blockchain-based national budget tracker for transparent, tamper-proof government spending audits, a smart-contract voting module for electoral integrity, and a fintech layer for digital asset management, unified in a Next.js interface.

### dMessage — On-Chain Encrypted Messaging *Next.js · Stellar Soroban · Rust · TypeScript · IPFS · E2EE*

- A fully on-chain decentralized messaging app built on Stellar Soroban, using end-to-end encryption (X25519 ECDH + AES-GCM-256) and IPFS storage for encrypted content.

### Yuwi — AI Study Companion *React Native · Expo · NativeWind · Gemini API*

- A lightweight study app that turns source material into text and auto-generates quizzes; also built a companion web platform showcasing the app's features, user flows, and system architecture with responsive design and optimized asset loading.

### AR-Tetris — Computer Vision Game *Python · OpenCV · Django · MediaPipe · JavaScript*

- A webcam-powered Tetris game controlled entirely through hand-gesture tracking, shipped as both a Python/OpenCV desktop version and a Django-based web version.

### Seishin — Serverless Life Manager *React Native · Expo · NativeWind · TypeScript · AI*

- A mobile life-management app featuring an AI agent, an OCR schedule scanner, peer-to-peer chat/video, IMAP email integration, and smart notification listening.

### Noir Wallet — NFC/RFID Mobile Wallet *React Native · Expo · TypeScript · NFC · RFID*

- An IoT-based mobile wallet for secure contactless transactions, integrating NFC and RFID technology behind a minimalist interface.

## HACKATHONS & PROGRAMS

### AWS Agentic Football Challenge — Champion

- Won first place building an agentic AI solution on AWS infrastructure.

### Stellar Monthly Builder Program — Winner, Founding Builder

- Recognized as a program winner and named a Founding Builder for consistent contributions to the Stellar developer ecosystem.

### Cryptita Builder Showcase — Finalist

- Selected as a finalist for a blockchain/crypto-focused builder showcase.

### KabayanNegosyo QC — StartUp QC 2026 Finalist *React Native (Expo)*

- Built a community-based mobile platform connecting users with verified local workers and vendors approved by QC LGU: location-based job/vendor map, smart job-matching, a vendor marketplace, QCitizen ID verification, ratings and reviews, in-app messaging, and a premium "Gold Badge" visibility feature.

### Agora Hackathon Philippines: Build Next Gen Sales Agent — Finalist *NextJS, AgoraConvo AI,*

- Sinta — Built an AI-powered voice and chat assistant that helps students request school documents, performs identity verification, and creates registrar follow-up tickets using real-time conversational AI.

## SKILLS & ABILITIES

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- **Frontend:** React, React Native, Next.js, HTML, CSS, JavaScript, Tailwind CSS
- **Backend:** Node.js, Express.js, REST APIs, CRUD Operations
- **Databases:** MongoDB, SQLite, MySQL
- **Full-Stack:** MERN Stack (MongoDB, Express, React, Node.js)
- **Mobile:** React Native, Expo, NativeWind
- **Backend as a Service:** Supabase, Firebase, Appwrite
- **Web3 / Blockchain:** Ethereum, Solidity, Hardhat, Ethers.js, Wagmi, RainbowKit, Stellar Soroban, Rust
- **AI Integration:** Gemini API, OCR, AI agents
- **Programming Languages:** JavaScript, TypeScript, Python, Rust
- **Deployment & Hosting:** Vercel
- **Version Control:** Git, GitHub
- **Other:** Responsive Design, API Integration, Authentication & Authorization, Computer Vision (OpenCV, MediaPipe)

## EDUCATION

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### **BS Computer Science — Polytechnic University of the Philippines**

2026 – Present

### **Senior High School — Gateways Institute of Science and Technology**

2024 – 2026

### **Junior High School — Antipolo National High School**

2019 – 2024

## CERTIFICATES

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- Google Cybersecurity Professional Certificate — Google
- Meta Professional Back-End Certificate -Meta
- Google IT Support Professional Certificate — Google
- Google AI Essentials — Google
- AWS Cloud Technical Essentials — AWS
- Introduction to Generative AI - Art of the Possible — Amazon Web Services (AWS)
- Google Cloud Fundamentals: Core Infrastructure — Google Cloud
- Artificial Intelligence Fundamentals — IBM
- Build on Stellar Bootcamp — Rise In
- National Certificate Level II in Computer System Servicing — TESDA
- Python Essentials 2 — Cisco Networking Academy
- JavaScript Essentials 1 — Cisco Networking Academy
- Software Engineer — HackerRank
- Frontend Developer (React) — HackerRank

## CHARACTER REFERENCE

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### **Terenz Jomar Dela Cruz**

Software Developer — ProudCloud