EMIEL JAMES ESCUZAR

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EDUCATION

UNIVERSITY OF CABUYAO (PAMANTASAN NG CABUYAO) — Cabuyao, Laguna
Bachelor of Science in Computer Science — Expected 2027
Focus areas: Blockchain, AI, Cybersecurity and Cloud

ACHIEVEMENTS

Top 8 Finalist, DOST Hack4Progress 2026: regional AI for Disaster Resilience hackathon, with AGOS
8th Place Overall, SIKAPTala 2026: national CS & IT competition, 24-hour build with Lunas

PROJECTS & COMPETITIONS

KUMPIRMA – AI + BLOCKCHAIN DOCUMENT AUTHENTICATION — Jan 2026 – Oct 2026
Blockchain Engineer & Cloud Deployment — BSCS Thesis

- Integrated the Solidity smart contract and IPFS into the team's app: on-chain registration, public ledger, IPFS receipts
- Built an oracle security dashboard that simulates 10,000 attack attempts, and moved document storage to IPFS to cut on-chain gas costs
- Deployed the team's full system (web app, API, AI models, Ganache, IPFS) to a cloud VM behind Nginx; 135 commits

AGOS – AI FLOOD EARLY WARNING SYSTEM — Sep 2026
Full-Stack Developer — AI for Disaster Resilience

- AI flood early warning that reads water levels from public CCTV (OpenCV) and ranks at-risk households by street
- Built the FastAPI backend with fused risk scoring and most of the React + Leaflet dashboard, with PDNA export

LUNAS – QR MEDICAL PASSPORT — May 2026
Junior Backend Developer — National CS & IT Competition, 24 hours

- Built the backend for a QR medical passport in Next.js, Prisma and PostgreSQL: auth, patient and admin APIs
- Built PIN-protected emergency access with lockout, audit logs, email/SMS alerts and a drug-interaction checker

OUTRUN — Jul 2026 – Present
Project Manager, Kamote Studios — Software Expo

- Leading a five-person team on a 2.5D chase game in Unity and Blender; public build for Windows and Android

REDQUEST – CODEKADA ONLINE HACKATHON — May 2026
Backend Developer & Deployment — 5-day hackathon, 300+ developers

- Built the Express + PostgreSQL/PostGIS API for a blood-donation app: auth, geo-matching of compatible donors

LEADERSHIP

JUNIOR BLOCKCHAIN EDUCATION CONSORTIUM OF THE PHILIPPINES – DANGALS — Cabuyao, Laguna
Vice President Finance — Jul 2024 – Jun 2025

- Oversaw the chapter's finances and budgeting for its blockchain education activities

AWS CLOUD CLUB – UNIVERSITY OF CABUYAO — Cabuyao, Laguna
Vice Chief Finance Officer — Aug 2024 – May 2025

- Managed club finances and contributed to building the club's website

ADDITIONAL

Languages: TypeScript, Python, Solidity
Web: Next.js, React, React Native, FastAPI, Node.js/Express
Data & Blockchain: PostgreSQL, Prisma, PostGIS, Ethereum/web3, IPFS
AI/ML: PyTorch, OpenCV, YOLOv8
Cloud/DevOps: Docker, Nginx, Google Cloud, Cloudflare, Vercel, Railway
Certifications (Coursera, 2026): Google Cybersecurity Certificate, 2 courses completed; GRC Fundamentals (Packt); Blockchain and Cryptography Overview (SkillUp)