

ALDRICK BONAOBRA

Solutions Architect & Software Developer | Blockchain, AI & Infrastructure

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SUMMARY

Solutions architect who designs systems end-to-end and writes every line of code that brings them to life. Experienced in blockchain, AI integration, cloud and self-hosted infrastructure, and full-stack development. Builds production-grade platforms with a security-first mindset.

EXPERIENCE

AR Data Technologies

Feb 2025 – Apr 2026

Full Stack Software Engineer

- Built Koneksi, a secure backup and file management platform with real-time sync and device registration.
- Developed cross-platform desktop apps with auto-update and admin dashboard features.
- Contributed to an AI chatbot backend and a blockchain wallet browser extension.
- Delivered CI/CD pipelines and provisioned infrastructure via IaC.

SparkPoint

Dec 2020 – Feb 2025

Blockchain Developer → Senior Blockchain Developer → Blockchain & AI Tech Lead

- Architected and deployed smart contracts across multiple EVM networks for DeFi, NFT, and token applications.
- Managed internal server infrastructure and built scalable blockchain data indexing via Subgraph GraphQL.
- Led technical strategy, smart contract security reviews, and AI integration as Blockchain & AI Tech Lead.
- Contributed to SRK winning Crypto of the Year 2020 and 1st Place Top 10 Crypto Gainers on BitMart (4,553% YTD).

MetaGaming Guild

Jan 2022 – Feb 2025

Senior Blockchain Developer

- Deployed a native gaming token on Ethereum and Binance Smart Chain.
- Built NFT smart contracts for MetaSaga Warriors including marketplace and play-to-earn rewards.
- Integrated blockchain contracts with Unity game clients.

Camalig Bank, Inc.

Dec 2019 – Dec 2020

Application Administrator

- Provided technical support for the CBI Mobile Banking Project end-to-end.
- QA-tested the mobile banking app with the developer company.
- Deployed and maintained cloud and automation workflows.

Ownly

Jun 2019 – Dec 2019

Blockchain Developer

- Developed smart contracts and blockchain integration for CryptoSolitaire card game.
- Placed 13th worldwide (100+ entries) at Decentraland Game Jam 2019.

RAFAL V | Internship (Nov 2018 – Mar 2019) — University thesis: built a Chemical Analysis Management system.

LMN Technologies | Internship (Jul 2018 – Oct 2018) — Game logic development for a 2D platformer in Unity.

TECHNICAL SKILLS

Blockchain: Smart Contract Development, DApps, Web3, NFTs, Decentralized Games

DevOps & Infrastructure: Docker, Kubernetes, AWS, DigitalOcean, Proxmox, Terraform, Self-hosting

Programming: Go, JavaScript/TypeScript, Solidity, Python

Full Stack: Web Application Development (Front-end to Back-end)

AI & Automation: AI Integration, Workflow Automation

PROJECTS

FileForge — Self-hosted, security-first file conversion SaaS. fileforge.aldrickb.app

Intervu — Local AI interview assistant with real-time transcription. intervu-docs.aldrickb.app

Homelab — Self-hosted services on Proxmox, 24/7. aldrickb.app

VoiceOtaku — Voice-first AI anime recommender. voiceotaku.aldrickb.app

Quizzical Coders AI — Daily AI-powered coding challenges. quizzical.aldrickb.app

Smart Deploy — One-click EVM smart contract deployer. smartdeploy.aldrickb.app

AIChat — Private local AI chatbot on personal infrastructure. ai.aldrickb.app

ALSearch — Self-hosted private search engine. search.aldrickb.app

HONORS & AWARDS

1st Place — 2020 Top 10 Crypto Gainers, BitMart: SparkPoint SRK (4,553% YTD)

Crypto of the Year 2020 — BitMart: SparkPoint SRK

13th Place — Decentraland Game Jam 2019: 100+ global entries; won 25,000 MANA + LAND

Champion — SciTech Computer Programming Competition: Bicol University (2017)

Honorific-Academic Awardee: Bicol University (2019)

Finalist (Top 9) — Flutter Philippines Online Hackathon: 85+ participants (2019)

Presenter — BUCS Student Research and Development Forum | Bicol University (2019)

2nd Place — Computer Programming Competition | Bicol University (2017)

SPEAKING & MENTORING

Mentor — Blockchain Developer Bootcamp 2021 | SparkLearn EdTech

Speaker — “Blockchain and Augmented Reality” | Bicol University (Feb 2020)

Speaker — FABFEST3: Philippine Fablab Conference | BICOLIT.ORG (Nov 2019)

Facilitator — Flutter Workshop | BICOLIT.ORG (Dec 2019)

Mentor — Startup Weekend Bicol 2019 | Startup Weekend (Nov 2019)

Speaker — “What are NFTs?” | Bicol IT Blockchain Meetup (Aug 2019)

Mentor — Game Development Basics | Lamina Studios (Sep 2018)

EDUCATION

Bachelor of Science in Information Technology

2015 – 2019

Bicol University