M. ZAKY ARISANDHI

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Detail-oriented Full-Stack Developer with professional experience at Telkom Sigma, currently advancing technical expertise as a Computer Science student at BINUS University. Beyond corporate development, I am deeply passionate about building innovative solutions at the intersection of AI automation and Web3. A collaborative team player and tech enthusiast who loves participating in hackathons and exploring homelab server architectures to solve real-world problems.

PROFESSIONAL & ENTREPRENEURIAL EXPERIENCE

FOUNDER & LEAD DEVELOPER | MULA LABS (MARCH 2026 – PRESENT)

- Founded a digital studio focused on UMKM digital transformation, utilizing AI automation (n8n, LLMs) to streamline business and CRM processes.

JUNIOR PROGRAMMER | PT SIGMA CIPTA CARAKA (JULY 2024 – PRESENT)

- Engineered scalable web and mobile applications, including cross-platform incident ticketing and enterprise asset management systems, utilizing Next.js, Vue.js, Flutter, and Kotlin.
- Integrated RESTful APIs, shift management modules, and AI chatbot services into complex frontend interfaces.
- Collaborated with cross-functional teams to deliver user-centric technical solutions.

FULLSTACK DEVELOPER INTERN | PT SIGMA CIPTA CARAKA (NOVEMBER 2023 – APRIL 2024)

- Developed and optimized full-stack modules utilizing Vue.js and NestJS within an Agile team.
- Demonstrated rapid technical adaptability, leading to a direct promotion to a full-time Programmer role.

FRONTEND DEVELOPER INTERN | SIDIGS (JULY 2023 – NOVEMBER 2023)

- Developed responsive web interfaces from Figma designs using Vue.js and integrated RESTful APIs.
- Performed extensive frontend troubleshooting and bug fixing to enhance system stability.

HACKATHONS & EXTRACURRICULARS

FRONTEND DEVELOPER | MONAD BLITZ JOGJA (APRIL 2026)

- Rapidly prototyped the frontend for "Moantap", a GameFi application designed to stress-test Monad's 10k TPS capabilities.
- Competed in a 6-hour intensive offline event, independently handling frontend development and delivering a responsive UI under extreme time constraints.

WEB3 & BACKEND DEVELOPER | BASE BATCHES 003: STUDENT TRACK (FEBRUARY 2026 - APRIL 2026)

- Co-developed DOMAN, an open-source Web3 security ecosystem, working in a two-person team to protect Base chain users from phishing and risky contracts.
- Engineered the core blockchain infrastructure, deploying gas-efficient Solidity smart contracts and implementing a Ponder indexer for off-chain verification.
- Developed a 27-endpoint REST API (Next.js/PostgreSQL) and built a real-time phishing detection Chrome Extension utilizing Plasmo and ethers.js.

PRODUCT ENGINEER | ALIBABA AI CREATIVITY HACKATHON(FEBRUARY 2026 – MARCH 2026)

- Architected "Butin AI", an AI prompt library platform designed to provide Indonesian MSMEs with reusable prompts and example outputs for generating professional product catalogs.
- Engineered user-centric generative AI workflows, enabling local businesses to easily produce high-quality, culturally-themed promotional visuals for events like Eid al-Fitr, Eid al-Adha, and Chinese New Year.

PRODUCT ENGINEER | BASE INDONESIA HACKATHON 2025 (DECEMBER 2025 – JANUARY 2026)

- Architected and developed "Nawasena", a gamified options trading dApp designed specifically for beginners.
- Transformed complex financial mechanics into an intuitive, game-like UI/UX to lower the barrier to entry in Web3 trading.

SOLO BUILDER | BASE BATCHES 002: BUILDER TRACK (OCTOBER 2025)

- Designed and developed "Mandat", a decentralized petitioning platform leveraging Solidity and Viem to ensure transparent, tamper-proof digital signatures on the Base network.

EDUCATION

- **Bachelor of Computer Science | BINUS University, 2025 – Present**
- **Software Engineering (RPL), Telkom Vocational High School Malang, 2021 - 2024**

SKILLS

- Frontend : TypeScript, JavaScript, Nuxt, Vue.js, Next.js, React
- Web3 & Blockchain : Solidity, Viem, Move, Ponder
- Backend : PHP, Laravel, NestJS, Express
- Mobile Development : Flutter, Kotlin
- Database & Tools : MySQL, PostgreSQL, Git, Figma, Postman, Docker