AMELIA ZAKIYA SABRINA

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Innovative tech enthusiast with a passion for exploring Web3 and AI technologies, specializing in building decentralized applications (dApps) and crafting creative solutions for real-world challenges. Experienced in smart contract development, full-stack projects, and integrating AI to enhance functionality. Driven by curiosity, continuous learning, and a commitment to creating impactful and user-centered digital experiences.

EDUCATION

Universitas Islam Indonesia — Sleman, Indonesia   **2023 - Present**
Bachelor of Science in Informatics, 3.80/4.00

Relevant coursework: Blockchain, Algorithm & Data Structures, Web Development, Software Engineering, Application Development Fundamentals, Design Thinking.

ACHIEVEMENTS

- Top 10 Finalist, Mammothon Hackathon by Celestia Chain | $250,000 Grant
- 2nd Place, Manta Hackathon | Won $1,000 for innovative blockchain development solutions.

EXPERIENCE

Wearelazydev   **2025**
Smart Contract Developer   wearelazydev.vercel.app

A Web3 bug bounty platform leveraging zkTLs for trustless verification, designed to uncover and fix smart contract vulnerabilities.

- Designed and implemented the core platform functionality, ensuring trustless security through zkTLs.
- Achieved a top-10 finalist spot in Celestia's Mammothon, securing a $250,000 grant.
- Managed business development activities, attracting interest from Maven 11, a tier-2 venture capital firm.

IDLE   **2025**
Back-End Developer (AI Integration)   idle-ai-agent.vercel.app

IDLE (WEB3) is a blockchain platform that lets users create autonomous AI agents tied to unique tokens.

- Improved system efficiency by 70%, enabling seamless, responsive user interactions.
- Secured 2nd place in the Manta L2 Network Hackathon, showcasing innovation in AI and blockchain integration.

Sericlo   **2025**
Full-Stack Developer   sericlo.my.id

A sustainable e-commerce platform integrating inventory management, AI-powered redesign tools, and payment gateway functionality.

- Delivered a fully functional platform with multiple features within a one-week timeframe for a client.
- Integrated a payment gateway, marking my first experience in handling secure financial transactions.
- Advanced to the finals of an ongoing business competition, showcasing the platform's potential.

JournalShe   **2025**
Full-Stack Developer   sericlo.my.id

A digital journaling platform for educational institutions, enabling assignment submission, AI-powered feedback, and gamified academic tracking.

- Developed both front-end and back-end features to ensure a seamless user experience for students and teachers.
- Piloted the platform at a State High School in Yogyakarta, contributing to the advancement of education in Indonesia.
- Integrated gamification elements to encourage student engagement and improve academic productivity.

Fronsciers   **2025**
Blockchain Developer

A decentralized academic publishing platform on Solana, aimed at reducing publishing costs and democratizing scholarly communication.

- Designed and built the MVP, overcoming challenges with unfamiliar tech stacks to deliver it within two months.
- Implemented features to incentivize reviewers and empower researchers, addressing real-world academic challenges.
- Demonstrated adaptability and persistence while tackling the most technically demanding project I've undertaken.

SKILLS

- Programming Languages: Solidity, JavaScript, TypeScript, Java, Python, Go, Rust
- Blockchain Development: Ethereum, EVM-compatible chains, Smart Contract Development, DeFi protocols
- Frontend Development: React, React Native, Next.js
- Blockchain Tools: Foundry, Hardhat, Web3.js, ethers.js
- Backend & APIs: Node.js, RESTful APIs, API Integration for dApps
- Version Control & Collaboration: Git, GitLab, GitHub
- Database & Storage: PostgreSQL, Supabase, GraphQL, IPFS, Decentralized storage solutions
- UI/UX: Tailwind CSS, shadcn/ui, Magic UI, Aceternity UI, Responsive design