PERSONAL INFORMATION

Arista Indrajaya

Summary
A strategic software engineer who applies Systems Analysis to build secure, scalable, and interconnected environments. My focus is on Structured Problem Solving: identifying core operational problems—such as high-cost inefficiencies or integration failures—and architecting robust API solutions that reduce costs and improve efficiency. I possess strong Mental agility, demonstrated by leading complex Web3 integrations and mentoring developer teams to an 80-85% success rate.

Bio

📍 Indonesia

✉ arista.indrajaya@gmail.com   🌐 https://www.linkedin.com/in/aindrajaya/

💬 Website: https://aindrajaya.my.id, Twitter: https://twitter.com/aindrajayaa
Github: https://github.com/aindrajaya

WORK EXPERIENCE

Jan 2025 - Present

Freelance Software Developer at Upwork
https://www.upwork.com/freelancers/aindrajaya

Experience Summary

- Addressed critical security gaps by building an AWS smart contract audit lab, enhancing security assessment capabilities and **increasing audit throughput to 20 contracts weekly** (a **27% improvement**)
- Solved a complex integration challenge by developing an AI-powered image generator as a custom Elementor shortcode, delivering seamless text-to-image functionality that **saved the client 10 hours per week**..
- Resolved poor developer experience by leading an API documentation migration to Mintlify, improving clarity and **reducing developer onboarding time from 3 days to 1.5 days (a 50% improvement)**.

March 2023 - Dec 2024
(Full-time)

Software Developer at Pena
https://www.penateam.com/ & https://www.mrscraper.com/

Experience Summary

- Refactored Penateam's website using modern coding standards, directly improving the Lighthouse **Accessibility score from 89 to 97** and the **SEO score from 95 to 100**
- Engineered advanced scraping strategies (PHP/Node.js) to **capture over 1000+ data points daily**, **automating 2 hours of manual work** for the client.
- Optimised data processing by implementing AWS Lambda and AI agents, **speeding up workflows by 7%** and **improving data accuracy from 90% to 95%**..
- Successfully **led 10 diverse client projects** (from game NFTs to property tech) from concept to launch, ensuring seamless API integration across all ecosystems.

Jan 2022 - March 2023
(Full-time)

Software Developer at RWID (Project Artopologi)
https://www.artopologi.com/

Experience Summary

- Drove **20% daily user growth** by leading the core Web3 integration with MetaMask, enabling users to successfully mint, transfer, and list artwork on the blockchain.
- Reduced **operational costs by 5-7%** by architecting and building a new NodeJS API to deliver blockchain transaction history, supporting over 50 artist users..
- Advising on blockchain technologies and tools like IPFS, MetaMask, and Web3.js

to improve user experience and platform performance.

Aug 2020 - Aug 2022 (Full-Time)	

Frontend Facilitator at Binar Academy
www.binaracademy.com

Experience Summary

- Mentored 58 aspiring front-end developers, successfully **guiding 85% into the IT industry** as ReactJS specialists.
- Selected as an **Industry Mentor for Kampus Merdeka 2022**, leading a national cohort of 25 students to an **80% graduation rate** in Frontend ReactJS development. (Supported link)

Mar 2019 - Jul 2020 (Full-Time)	

Blockchain Developer at iGrowChain
www.igrowchain.com

Experience Summary

- Led development of a new Ethereum-based blockchain system, **cutting costs and reducing intermediaries by 20%**
- Contributed to the technology stack that successfully secured a P2P lending license in Indonesia.

PERSONAL SKILLS

Mother tongue(s)

Javanese and Indonesian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
Independent User	Independent User	Basic User	Independent User	Independent User

Technical skills

- JavaScript, React.js, Git, Node.js, HTML, CSS, Blockchain (Ethereum), PHP (Laravel), TailwindCSS, AI Development and Integration, AWS, AWS Lambda, API Development and Documentation, REST API, Mintlify, Docusaurus, Web Performance and Web Accessibility.

Communication skills

- Good listening skills

Other skills

Fast Learner

ADDITIONAL INFORMATION

Publications
Presentations
Projects
Conferences
Experiences
Seminars
Honours and awards
Memberships
Reference

Highlight Projects:
- ChainX - Smart Contract Security Scanner (Homepage - ChainX)
- Arto NFT Members - NFT Memberships for Artopologi Platform (memberships-nft.vercel.app)

Publications:
- Medium Article Mastering Blockchain (Link)
- Better Programming Mastering Blockchain (Link)

Certifications
- Workshop Office Trainer at SMP(Junior High School) Al-Hikam, East Java, Indonesia, 2015
- MikroTik MTCNA Certificate, license number 1502NA424
- TOEFL ITP Score 480 (Student Number 704220014)