

Aldino Saputra

- smartpuck111@gmail.com
- *Jakarta, Indonesia*
- <https://www.linkedin.com/in/aldinosaputra>

Solana Engineer

+62 831 8173 9915

Summary

Experienced Solana Blockchain Developer with expertise in Rust, Anchor Framework, and smart contract development for DeFi, Layer 2 solutions, and NFT platforms. Proven ability to optimize smart contracts, implement governance mechanisms, and build high-performance decentralized applications. Passionate about scalability, security, and blockchain innovation, collaborating with cross-functional teams to deliver cutting-edge solutions.

Skills

- Rust, Solidity, Python, JavaScript, TypeScript
- Anchor, Web3.js, Wagmi
- GCP, AWS, Docker, Kubernetes
- Node.js, Django, Alchemy
- React, Vue
- MySQL, MongoDB, Postgre SQL, OLAP, Clickhouse
- Jest, Ginkgo, Git, Gitlab

Experience

Solana Engineer 2024 - 2025

Tangible Trade, *Chicago*

- Developed a decentralized exchange (DEX) platform on a Solana Layer 2 chain, ensuring high performance and scalability.
- Designed and implemented a Solana Layer 2 blockchain, enhancing scalability and transaction efficiency.
- Conducted comprehensive audits of Solana smart contracts, identifying and mitigating vulnerabilities such as reentrancy, overflow/underflow.
- Designed and implemented Solana-based DeFi protocols, including lending platforms, liquidity pools, and staking mechanisms

Blockchain Engineer 2022 - 2024

Pixelette Technologies, *Ampang, Malaysia*

- Built an NFT marketplace by forking Pump.fun, integrating custom features and improving functionality.
- Developed multiple Solana smart contracts, including casino and banking protocols, ensuring security, efficiency, and seamless execution.
- Migrated and optimized a governance mechanism smart contract from Solidity to Rust (Anchor Framework) and successfully deployed it on the Solana blockchain.
- Optimized smart contract interactions on Ethereum and EVM-compatible networks, implementing user-friendly transaction workflows and reducing load times by 30%.

Blockchain Engineer 2020 – 2022

Osiz Technologies, *India*

- Designed and implemented the backend system for a blockchain based game using Node JS, Web Socket, and Redis, supporting real-time interactions.
- Developed smart contracts for on-chain game logic on Ethereum, enabling secure, tamper-proof gameplay and processing 500+ daily on-chain transactions.
- Worked with leading zero-knowledge protocols like ZKsync and Uniswap, implementing ZK proofs to reduce gas fees by 20% and enhance on-chain scalability.
- Developed intuitive and responsive dApp interfaces using Next.js and Web3.js, enabling seamless wallet integrations and real-time on-chain data interactions.

FullStack Engineer 2019 - 2020

ThirdEye, *India*

- Developed intuitive and responsive user interfaces for a Commercial Platform with React and Redux Toolkit, reducing user churn by 15% through improved UX.
- Integrated Stripe and Twilio APIs to enable secure payment processing and streamlined communication, enhancing user engagement for e-commerce platforms.
- Implemented GitLab CI/CD pipelines to automate testing, building, and deployment processes, leveraging Jest.

Frontend Engineer 2018 – 2019

RoadNinja, *New Zealand*

- Charged with maintaining the front-end part in React for multiple eCommerce platform services.
- Built pixel-perfect, responsive web pages using HTML5 and CSS3, ensuring compatibility across devices and adherence to web accessibility standards.
- Developed dynamic and interactive user interfaces with React.js, implementing reusable components and optimizing performance with efficient rendering techniques.
- Collaborated with the back-end team to ensure smooth integration and implementation of front-end features.

Education

Bachelor's degree in Computer Science

Universiti Utara Malaysia 2016 - 2020

