Lester Besabe

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Skills

Languages: JavaScript, TypeScript, SQL, Solidity

Technologies & Tools: Git, REST, GraphQL, TRPC, Docker, Postgresql, MySQL SST, AWS, React.js, Next.js, Tailwind, Payload CMS, Ethereum, Polygon, Meta Transactions, Arweave, NX Monorepo

Work Experience

Masterfile Co.   *Aug 2021 - Present*
Solidity Engineer / Full Stack Engineer

- Transitioned into a Full Stack Engineer role, developing dashboard views and operations, Stripe-based cart systems, and eCommerce solutions with Shopify.
- Engineered backend API request flows in an Event-Driven architecture using microservices, message queues, and CQRS, ensuring scalability and fault tolerance.
- Led the development of a decentralized exchange for blockchain assets, leveraging OpenZeppelin Seaport to enable seamless on-chain token trading.
- Co-developed an ERC1155 factory pattern with Arweave storage for decentralized Organizations, Media Drops, and on-chain ownership, ensuring permanent data storage.

BreederDAO   *Aug 2022 - July 2023*
Freelance Full Stack Blockchain Engineer

- Led the Metamask integration into the frontend, enabling users to use blockchain assets as gaming skins.
- Developed and tested blockchain-based in-game assets using ERC721 and ERC20 for ecosystems like Axie Infinity and DigiDaigaku.
- Led the research and development of a bridge system for secure, atomic token transfers between Ethereum and Polygon.

UBX Philippines Inc.   *Mar 2019 - July 2021*
Blockchain Software Engineer

- Delivered an Ethereum Stablecoin used for remittances across Rural Banks in the Philippines, transactions totalling to more than PHP 1 Billion ($20M).
- Led the development and architecture of Cryptocurrency Payment Gateway project, streamlining crypto-to-fiat transactions.
- Developed an Asset Tokenization Platform, enabling tokenization of real-world assets such as real estate and bonds.
- Developed a blockchain-based logistics milestone tracking system for enhanced transparency in shipment tracking.

Education

Polytechnic University of the Philippines, *2018*

B.S. in Computer Science

- Best Thesis Award: Developed an NLP Bot using a Recurrent Neural Network to solve Physics word problems.

Academic Engagements & Mentorship

JRU University   *June 2019*
Blockchain Mentor

- Designed and delivered blockchain training for professors and students, creating a comprehensive curriculum on concepts and development.

Philippine Web3 Festival Hackathon   *November 2022*
Blockchain Hackathon Judge & Mentor