

Bayu Mukti Wibowo

Front End & Web3 Integration

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 [edison-alpha](#)

 [baym](#)

About me

Fresh Graduate in Informatics Engineering with strong skills in React.js, TypeScript, and Next.js, experienced in building responsive and high-performance web applications from design to production. Proficient in UI/UX implementation, REST API integration, and real-time data handling. Also experienced in Web3 integrations such as wallet connection and smart contract interaction using Solidity and Move. Successfully delivered multiple projects with achievements including Top 3 DoraHacks Hackathon and Top 3 Superteam Bounty.

Education

Muhammadiyah University of Ponorogo

Bachelor of Information Technology GPA: 3.27/4.0

Ponorogo, Indonesia

2020 - 2025

Work Experience

Pelitha Tech (Dec 2024 - Juni 2025)

Front End Web Developer

- Implement UI/UX designs into functional code using HTML, CSS, and JavaScript/TypeScript, and build reusable and maintainable components
- Integrate with backend APIs (REST/GraphQL) and optimize application performance and accessibility
- Responsive design for various devices
- State management and data fetching
- Client-side testing and debugging, and collaboration with designers, backend developers, and product teams

Projects

MoME | The first decentralized raffle platform on Movement Network | [LINK](#)

Dec 2025 - Jan 2026

- Developed a React + TypeScript frontend with Privy wallet integration for seamless Web3 onboarding and user-friendly raffle experiences.
- Integrated smart contract data into the UI, including real-time raffle status and winner selection.
- Implemented escrow system, automated refunds, and fee handling (5–10%) for secure transactions.
- Added token swap functionality via RazorSwap DEX directly in the dApp interface.
- Built social features such as activity feeds and leaderboards using IPFS for decentralized storage.
- Collaborated with backend services using Node.js, Express, GraphQL, Redis, and Supabase.

Intic.id | A blockchain-based event ticketing platform on PushChain Universal Network | [LINK](#)

Okt 2025 - Nov 2025

- Designed and deployed 3 core smart contracts with fraud protection: 72-hour withdrawal lock, community reporting (30% threshold), and EIP-2981 royalty automation.
- Built React + Tailwind CSS + shadcn/ui frontend with Wagmi v2 and Viem for seamless Web3 interactions and on-chain QR code check-in verification.
- Integrated PushChain Universal Wallet with account abstraction, enabling multi-chain payments (ETH, SOL, MATIC, PUSH).
- Implemented IPFS storage via Pinata for NFT metadata and event images, ensuring decentralized asset management.

Hibeats | hibeats is a decentralized SocialFi for Music AI creation on Somnia Network | [LINK](#)

Nov 2025 - Dec 2025

- Developed Solidity smart contracts for ERC-721 music NFTs, marketplace, album management, user profiles, and tipping system.
- Built React + TypeScript frontend with Sequence and Wagmi wallet integrations, using Radix UI + Tailwind CSS for responsive Web3 interfaces.
- Implemented Somnia Data Streams for real-time social posts, messaging, and push notifications.
- Integrated Suno AI music generation engine, enabling on-demand music creation from text prompts.
- Deployed The Graph subgraph for efficient indexing of on-chain NFT and trading data.

Cerificates

[Belajar Membuat Front-End Web untuk Pemula](#)

Dicoding Indonesia (2022)

[Belajar Dasar Pemograman Web](#)

Dicoding Indonesia (2022)

[Web3 Wallet Security Basics](#)

Cyfrin Updraft (2026)

[Full-Stack Web3 Development Crash Course](#)

Cyfrin Updraft (2026)

[Blockchain Basics](#)

Cyfrin Updraft (2026)

Skill Summary

Languages: HTML, CSS, JavaScript, TypeScript, Solidity, Move, Python

Frameworks & Libraries: React.js, Next.js, Express.js, Node.js, Tailwind CSS, Three.js, Redux, Ethers.js, Web3.js, Wagmi, Viem

Tools: Git, Docker, Hardhat, Foundry, OpenZeppelin, IPFS, The Graph, Supabase

Databases: PostgreSQL, MongoDB, Redis

Platforms: VS Code, Kiro, Remix IDE, Figma, AWS, Vercel

Blockchain: Ethereum, Solana, Movement Network, Somnia, PushChain

Soft Skills:

- Problem Solving & Analytical Thinking
- Team Collaboration & Communication
- Time Management & Self-Motivated
- Adaptability & Fast Learner
- Attention to Detail
- Project Management