

# Bayu Mukti Wibowo

## Front End & Web3 Integration

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### 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 30 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.

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## 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)

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## 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