DHIMAS PAMUNGKAS

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EXPERIENCE

Software Developer   Nov 2023 – Present
PT Bussan Auto Finance   *Jakarta, Indonesia*

- Refactored legacy fintech applications to modern architecture using Next.js, React.js, and React Native, reducing technical debt and improving code maintainability across 10+ internal application
- Optimized application performance by 40% through code splitting, lazy loading, implement best practice, enhancing developer productivity and reducing deployment issues
- Embraced Agile methodologies to foster collaboration, adaptability, and efficient delivery of projects. Using Jira and Azure Git for implementing Agile.
- Prioritized app compatibility and user experience by conducting rigorous testing and troubleshooting across various platforms and devices.
- Ensured seamless data integration between frontend and backend systems, optimizing API consumption and data transmission.

Frontend Developer   January 2022 – Oct 2022
Majapahit Teknologi   *Jakarta, Indonesia*

- Designed scalable Flutter applications using GetX state management and repository pattern, integrating Firebase authentication with Google, Facebook, and email OAuth 2.0 flows

Frontend Developer Intern   May 2022 – Jul 2022
PT Fhadira Inovasi Teknologi   *Bekasi, Indonesia*

- Created reusable Flutter UI component library for Inspektur Mobil app, reducing feature development time by 30% through standardized widget architecture

PROJECTS

Etharis | *Trustless Sponsorship Escrow* | github.com | etharis.vercel.app   2025

- Designed trustless escrow protocol on Base Network with IDRX stablecoin integration and on-chain arbitration, securing creator payments for micro-sponsorship deals; won 4th Best Project at OJK-EKRAF National Hackathon (200+ teams)
- Implemented gasless transactions and custodial wallet architecture using HashiCorp Vault for key management, enabling zero-crypto UX through email/password authentication and automated Rupiah-to-IDRX conversion

Natecin | *Automated Inheritance Protocol* | github.com | natecin.vercel.app   2025

- Designed trustless inheritance vault using Solidity smart contracts with GitHub Actions for off-chain wallet activity monitoring and automated asset transfer on EVM-compatible networks

PoRCE | *Proof of Responsible Carbon Exchange* | github.com | demo   2024

- Built blockchain-based carbon credit marketplace with tokenized carbon offset verification, enabling transparent tracking of environmental impact through on-chain proof-of-responsibility validation
- Architected smart contract infrastructure for carbon credit trading with automated verification mechanisms, ensuring integrity of carbon offset claims through immutable blockchain records; won 1st Best Project at Kelas Rutin Hackathon (15 teams)

PopVote | *Decentralized Voting Platform* | github.com   2024

- Built blockchain voting system on Internet Computer Protocol with AI facial verification using TensorFlow.js and Internet Identity authentication; won 3rd Best Project at DFINITY ICP Hackathon 2024

pagination-harvest | *Data harvester for paginated APIs.* | github.com | npmjs.com   2025

- Published parallelized API data harvesting library reducing scraping time by 75% through concurrent request pooling and automatic retry logic with exponential backoff, achieving 290+ weekly npm downloads

react-anticapture | *Preventing user to capture data* | github.com | npmjs.com   2024

- Built zero-dependency React DRM library preventing screenshots, clipboard operations, and text selection through multi-layer protection (keyboard event interception, CSS user-select blocking, context menu prevention), achieving 190+ weekly npm downloads
- Implemented configurable prop system with devtools detection, blur overlay deterrence, and Clipboard API integration, deployed with automated Storybook documentation and CI/CD via GitHub Actions

EDUCATION

BINUS Online University
Bachelor of Science in Computer Science

Jakarta, Indonesia
Expected 2027

Kelas Rutin Batch 4
Fullstack Web3 Developer Bootcamp

Jakarta, Indonesia
2025

Enigma Camp
Fullstack Developer Bootcamp

Jakarta, Indonesia
2023

IDN Boarding Vocational High School
Computer Science

Jakarta, Indonesia
2023

SKILLS

Languages: TypeScript, JavaScript, Solidity, Move, Rust, Dart, Java, SQL, HTML/CSS
Frameworks/Libraries: React, Next.js, React Native, Flutter, Vue.js, Angular, Node.js, Spring Boot, Ethers.js, Web3.js, Viem, Wagmi
Tools/Tech: Docker, PostgreSQL, Firebase, MongoDB, GitHub Actions, Fastlane, HashiCorp Vault, Ethereum, Hardhat, ICP