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(GMT+7) Open to Remote & International Opportunities Worldwide

PROJECT 8 Digital Banking Platform – BPR Artha Jaya Role: Senior Backend Engineer & System Architect **Tech Stack:** Laravel 11, Vue.js, Redis, WebSockets, AWS (S3, EC2), MongoDB, MySQL, GitHub Actions

Led the complete development of a digital banking platform from scratch, transforming a traditional offline BPR into a fully online system serving 800+ customers and 21 internal staff.

Key Achievements:

- Designed and built secure RESTful APIs for core banking transactions, account management, and administrative functions
- Implemented Google OAuth, role-based access control (RBAC), and secure financial data handling
- Integrated AWS S3 for document storage, Redis caching, and WebSocket services for real-time updates
- Developed operational dashboards using Vue.js (Vite), Livewire, Blade, and Alpine.js
- Established CI/CD pipelines with GitHub Actions on AWS for zero-downtime deployments

Impact: Digitized all banking workflows and enabled real-time online financial services.

PROJECT 7 my.firstmedia.com – Customer Self-Service Portal Role: Backend / Product Engineer **Tech Stack:** Django, Laravel, Golang, PostgreSQL, React, Firebase

Built and maintained backend services for the ISP customer portal handling billing, subscription management, and account lifecycle for thousands of active subscribers.

Key Achievements:

- Developed RESTful APIs for billing, subscription, and customer operations
- Maintained Golang services for real-time telephony validation and service monitoring
- Optimized database queries and resolved production issues to improve performance
- Supported CI/CD workflows and Linux-based deployments

Impact: Significantly improved platform reliability and enabled seamless self-service experience.

PROJECT 6 FirstMedia ISP Platform **Role:** Backend / Product Engineer **Tech Stack:** Django, Laravel, Golang, PostgreSQL, React

Developed backend systems supporting internet, cable TV, and telecommunication services for active subscribers.

Key Achievements:

- Built RESTful APIs for customer account and service management
- Created Golang services for telephony validation and real-time monitoring
- Designed customer data filtering & distribution system for field sales teams across Jabodetabek
- Improved backend performance and data synchronization

Impact: Contributed to ~25% increase in regional sales performance.

PROJECT 5 Ruparupa.com E-commerce Data Platform **Company:** ACE Hardware Indonesia (Kawan Lama Group) **Role:** Backend / Product Engineer **Tech Stack:** AWS, SAP Integration, Kubernetes, Kafka, REST APIs, ETL Pipelines, MySQL

Built scalable data pipeline and backend services integrating SAP enterprise data into AWS-based e-commerce infrastructure.

Key Achievements:

- Migrated and synchronized 200,000+ SKUs from SAP to AWS systems
- Designed and implemented high-volume Kafka + Kubernetes data pipelines
- Ensured real-time data consistency between SAP, warehouse, POS, and e-commerce platform
- Developed ETL processes for inventory, pricing, and transaction data

Impact: Enabled stable large-scale SKU management and supported successful launch of Ruparupa.com.

PROJECT 4 ACE Exclusive Mobile App **Company:** ACE Hardware Indonesia (Kawan Lama Group) **Role:** Backend Engineer **Tech Stack:** Laravel, Flutter, Firebase, AWS, REST APIs

Developed backend services for the customer loyalty mobile application (published on Google Play Store).

Key Achievements:

- Built REST APIs for membership, rewards, and real-time notifications
- Integrated Firebase for push notifications and real-time data synchronization
- Managed AWS infrastructure and secure integration with retail systems

Impact: Delivered a mobile-first loyalty platform with real-time customer engagement.

PROJECT 3 ACE Hardware E-commerce & Retail System Company: ACE Hardware Indonesia (Kawan Lama Group) **Role:** Backend / Product Engineer **Tech Stack:** MERN Stack, AWS, SAP Oracle Migration, REST APIs, ETL

Modernized acehardware.co.id and nationwide retail systems by migrating legacy SAP Oracle data into cloud architecture.

Key Achievements:

- Migrated SAP Oracle data into AWS and MERN-based systems
- Built backend services and ETL pipelines for real-time inventory & transaction synchronization
- Ensured data consistency across all stores and e-commerce platform

Impact: Improved system scalability and enabled modern retail-ecommerce integration.

PROJECT 2 Erafone E-commerce Platform Company: PT Erajaya Swasembada Tbk **Role:** Software Developer **Tech Stack:** Laravel, MySQL, JavaScript, REST APIs

Contributed to the development of the public-facing e-commerce platform handling daily online transactions.

Key Achievements:

- Built transaction and product catalog REST APIs
- Integrated with POS and pricing systems for real-time synchronization
- Optimized backend stability and resolved production issues

Impact: Supported high-volume transactions and improved platform reliability.

PROJECT 1 Berniaga Marketplace (now OLX Indonesia) Role: Software Developer **Tech Stack:** PHP (CodeIgniter), MySQL, PostgreSQL, JavaScript, Linux

Developed core modules for a high-traffic classified marketplace platform serving ~5,000 daily active users.

Key Achievements:

- Built ad listings, user accounts, transaction management, and secure authentication
- Optimized SQL queries and backend processes for faster page load times
- Implemented AJAX and RESTful APIs for dynamic user experience

Impact: Improved overall performance and supported rapid platform growth.