

Mujah Al Badri

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About

Software Engineer focused on building reliable, scalable applications across web and mobile platforms. Experience developing enterprise solutions using **React.js**, **TypeScript**, **Vue.js**, **Node.js**, **PHP/Laravel**, and **Flutter** for cross-platform deployment. Background spans fintech, customer loyalty platforms, and document management systems with emphasis on performance optimization, secure authentication systems, and user-centric design. Committed to delivering maintainable code and solutions that meet business requirements.

Education

Universitas Indraprasta PGRI, Bachelor of Information Technology

Sept 2017 – August 2021

- GPA: 3.68/4.0
- **Coursework:** Algorithm, Data Structure, Statistics, Pascal, Database System, Calculus and Artificial Neural Networks.

Experience

Software Engineer, Unzyp Software – Jakarta, ID

Jul 2023 – Present

Ultra Milk Customer Loyalty Program - Backend Developer

- Architected dynamic campaign engine serving 60,000+ active users with real-time monitoring capabilities
- Achieved 3x performance improvement handling 10,000+ concurrent users through database optimization
- Developed a secure transaction system utilizing QR codes and encryption, ensuring 100% accuracy in prize fulfillment
- Orchestrated premium campaigns for major brands (Yoasobi, Stray Kids) maintaining 99.9% uptime

Ultra Milk Content Management System - Frontend Developer

- Developed admin dashboard with Looker Studio integration supporting 10+ campaign metrics
- Built an OCR receipt processing UI that reduced manual validation workload by 60%
- Created 25+ reusable UI components reducing development time by 30% across new features
- Implemented performance optimizations achieving 40% faster page load times

Kasvlo Cloud Accounting Software - Flutter Developer

- Architected cross-platform accounting app with 95% code reusability across iOS, Android, and web
- Implemented Firebase synchronization with offline-first architecture ensuring 99.9% data reliability
- Reduced average load time to under 2 seconds through query optimization and caching

BKM Digital Field Operations - Flutter Developer

- Built an offline-first mobile app using Realm database to support remote plantation operations
- Integrated TensorFlow Lite achieving 85% accuracy for AI-powered quality detection
- Developed workforce management system supporting 50+ field workers with GPS tracking
- Designed sync strategy handling 100+ daily records with batch processing and validation

Other Projects

- **Binus University Lecturer Portal:** Developed an academic staff directory with a role-based interface and configured Azure CI/CD, reducing deployment time by 70%
- **BAZNAS Document Management Portal:** Created 20+ reusable components processing 150+ documents monthly with OAuth2 SSO
- **Unzyp Business Profile Revamp:** Modernized legacy system using Laravel, resulting in an 80% improvement in code organization

Fullstack Developer, PT Jatim Propertindo Jaya – Jakarta, ID

Jul 2022 – Jun 2023

Jatim Inventory ERP System - Fullstack Developer

- Developed a web application using Laravel and Vue.js, streamlining processes and delivering 90% measurable improvements
- Implemented invoice, payment, stock, and supplier delivery report
- Maintained the system database of over 1000 data records

JPJ Purchasing - Flutter Developer

- Built a mobile application using Flutter and integrated an API developed in Node.js for the backend
- Implemented vendor, freight and contract data system

IT Officer (Internship), Kementerian Agraria dan Tata Ruang / BPN Kota Depok – Depok, ID

March 2021 – Apr 2021

- Built a desktop application using Java NetBeans
- Implemented employee attendance and salary report
- Integration with Database Management System (DBMS) MySQL

Projects

PT Artech Indo Protech - Corporate Website

pt-artech-corporate-site

- Structured core sections (About, Services, Contact, Portfolio, Blog, Footer) into modular React components and created reusable UI pieces (Breadcrumb, Brand, Counter) for maintainability
- Integrated react-i18next with multilingual support and added localized validation messages for the Contact Form
- Built secure contact API with server-side validation, rate limiting, and database persistence; added admin UI for submissions and analytics dashboard
- Tools Used: React.js, i18next, Laravel, SQL

Food App E-Commerce Website

github.com/food-app

- Built food ordering e-commerce platform with comprehensive restaurant and menu management system
- Integrated Midtrans payment gateway enabling secure online transactions with multiple payment methods
- Developed user authentication, shopping cart functionality, and real-time order tracking system
- Tools Used: Vue.js, Laravel, SQL

Spant Shoes Market

github.com/toko-spant

- Built Shoes market store website using PHP framework: Laravel
- Implemented authentication system to allow user to buy product
- Tools Used: Laravel, Blade, SQL

Skills

Hard Skills

Programming Languages: TypeScript, Dart, Java, PHP, Go, SQL

Technologies: React.js, Vue.js, Flutter, Node.js, Laravel, PostgreSQL, MySQL, TensorFlow, Object-Relational Mapping (ORM), Azure CI / CD, Docker, Multithreaded programming

Programming Concepts: Object-Oriented Programming (OOP), Clean Code, Troubleshooting, Unit testing

Security: Authentication, Authorization

Other: Figma, Adobe XD

Soft Skills

Performance optimization, Team collaboration, Communication skills, System design, Problem solving, Agile development, Work well under pressure