PRAYOGO

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SUMMARY

Undergraduate Information Technology student with a strong focus on full stack web development, specializing in building secure and scalable web applications. Experienced in designing SPA architectures, JWT-based authentication systems, RESTful APIs, and role-based dashboards across frontend and backend environments.

PROJECT EXPERIENCE

Multi-Vendor E-Commerce Platform (SPA)

Vue.js, Pinia, Tailwind CSS, Node.js, Express.js, MongoDB, Cloudinary
- Designed and developed a Single Page Application (SPA) e-commerce platform with multi-role access (User, Seller, Admin) using Vue.js and Pinia for centralized state management.
- Implemented a secure authentication system using JWT access tokens and HTTP-only refresh cookies, including token expiration handling, refresh flow, and role-based authorization (RBAC).
- Built RESTful backend APIs with Express.js, protected by JWT middleware, environment-based secret keys, and CORS configuration for cross-domain frontend deployment.
- Developed core user features such as shopping cart, order lifecycle management, profile CRUD with image upload, address management, and wallet balance tracking.
- Implemented seller dashboards for product CRUD, order processing, sales analytics, and wallet management with time-range filtering.
- Created admin functionality including user management, seller moderation, wallet control, and API caching to reduce server load and improve response performance.
- Applied backend security best practices using Helmet, bcrypt password hashing, and controlled file uploads with image optimization.
- Handled production-level issues such as slow server responses and token refresh race conditions, improving session stability in serverless deployment environments.

Inventory Management System

React.js, Zustand, Tailwind CSS, Node.js, Express.js, MongoDB, Cloudinary
- Developed a Single Page Application (SPA) inventory and stock management system using React and Zustand for centralized state management.
- Built dashboards for stock control, product management, and transaction history.
- Implemented revenue analytics reports (7–90 days).
- Designed RESTful APIs to support inventory and reporting operations.

TECHNICAL SKILLS

Authentication & Security
- JWT (Access & Refresh Token), HTTP-only Cookies
- Role-Based Access Control (RBAC)
- CORS, Helmet, Rate Limiting
- Secure password hashing (bcrypt)

Backend & Database
- RESTful API Design
- MongoDB (Mongoose)
- PostgreSQL/MySQL
- API Caching

Tools
- Git & GitHub
- Postman

EDUCATION

Universitas Bina Sarana Informatika, Depok   Sept 2023 - 2027
Bachelor of Information Technology
GPA: 3.72/4.00

LANGUAGES

- Indonesian (Native)
- English (Technical Reading & Daily Conversation)