



CANANDRA EKA MUKTI, A.Md.Kom

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Diploma in Informatics Engineering with hands-on experience building full-stack applications using Laravel, JavaScript, Node.js (Express.js), and React.js. Skilled in designing and integrating RESTful APIs, optimizing database performance with PostgreSQL and MySQL, and deploying applications on VPS environments with Nginx and Docker. Proficient in using Git for version control and collaborative development. I am committed to writing clean, maintainable, and scalable code, and eager to contribute to impactful projects in a collaborative, fast-paced environment.

Work Experience

CV. Arutala Mitra Mandiri - Bandung, Indonesia Jun 2024 - Oct 2024

Full Stack Developer

- Developed and maintained a training schedule management system using Laravel, PostgreSQL, and React.js, automating manual processes and reducing administrative workload by 30%.
- Engineered 10+ REST API endpoints for CRUD and analytics dashboard and collaborated in Scrum sprint planning & reviews to ensure timely delivery.
- Strengthened system security by implementing strict server-side data validation and JWT-based authentication to protect sensitive endpoints.
- Optimized database performance through query tuning in PostgreSQL, improving API response time by 15%.
- Configured and hardened VPS (firewall, SSH, SSL/TLS), set up Nginx as reverse proxy, deployed Laravel app to production, and managed updates via Git pull workflow.
- Implemented modular, reusable front-end components using MUI and managed state with Provider, improving development consistency and achieving 15% faster UI rendering.
- Executed staging deployments, facilitated stakeholder UAT, and shipped fixes to ensure smooth production releases and improved user experience.

PT. Padepokan Tujuh Sembilan - Bandung, Indonesia Jan 2024 - Feb 2024

Spring Boot Exploration (Company-Facilitated)

- Explored and applied core Spring Boot concepts (Dependency Injection, IoC, REST API) through a supervised project.
- Integrated PostgreSQL database using Spring Data JPA for persistent data handling.
- Documented technical findings and best practices for Spring Boot architecture, improving reference materials for future participants.

Education

Politeknik Negeri Bandung - Bandung, Indonesia Aug 2022 - Aug 2025

Diploma in Informatics Engineering, 3.31/4.00

- Finalist National Polytechnic Informatics Competition (2024): Led a 3-member team in designing backend architecture for a RESTful API (Express.js) powering a household service marketplace platform.

Projects

Sistem Pengisian Laporan Evaluasi Diri & Laporan Kinerja Program Studi Jan 2025 - Jun 2025

Laravel, React.js, MongoDB, Docker

- Developed a full-stack application with a Laravel-powered REST API and a dynamic React.js interface connected to a MongoDB database.
- Built an automated data pipeline to parse, validate, and map large Excel accreditation files (LKPS) into MongoDB schema, reducing manual data entry errors and processing time.
- Implemented a scoring engine to calculate and display accreditation results in real time, accelerating evaluation and reporting workflows.
- Collaborated on containerizing the application with Docker to ensure consistent development and deployment environments, and later deepened expertise through self-learning and practice.

Organizational Experience

Himpunan Mahasiswa Komputer (HIMAKOM) - Bandung, Indonesia Dec 2023 - Dec 2024

Staff, Member Development Department

- Co-designed annual agendas to align programs with organizational vision, leading to more structured and goal-oriented events.
- Facilitated weekly evaluations to monitor progress, resolve issues, and ensure continuous improvement in member engagement.
- Collaborated with cross-department teams to execute organizational projects, improving overall coordination and success rate.

Certifications

- **Certified Junior Spring Boot Backend Developer** (2025): Covered project architecture, ORM, REST APIs (with audit trail), security, file handling, and unit testing (JUnit)
- **TOEIC** (2025): 755/990 (CEFR B2 – Upper-Intermediate).
- **Employability Skills Program** (2024): Completed Career readiness program focused on communication, teamwork problem solving, and adaptability.

Skills

- **Languages:** Javascript, Java, Golang, SQL, PHP, Python
- **Frameworks:** Express.js, React.js, Spring Boot, Laravel, Gin
- **Databases:** PostgreSQL, MySQL, MongoDB, Firestore, and Redis.
- **Tools & Concepts:** Git, Docker, Prometheus, REST API, MVC, OOP, ORM, RBAC, JWT, CRUD, Version Control, and Microservices.