CHARDERRA EKA BAGAS SANJAYA

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Backend Developer — Cloud Computing Enthusiast — Programmer
Kabupaten Tangerang, Banten, Indonesia

SUMMARY

Backend Developer with 6 months of hands-on experience building a national-scale corporate web application (SPARTA) at PT Alfamart using Node.js, TypeScript, and PostgreSQL. Bangkit Academy 2023 Cloud Computing graduate with practical skills in GCP, Docker, and RESTful API design.

Proven ability to architect data flows, implement role-based access control, and deploy scalable cloud infrastructure. Passionate about building secure, high-performance backend systems for production environments.

EXPERIENCE

Backend Developer Intern — Building & Maintenance Digital Store November 2025 – May 2026
PT Sumber Alfaria Trijaya Tbk. (Alfamart) *Head Office - Tangerang*

- Built SPARTA (System Property Administration Reporting Tracking Approval), a national-scale corporate management web application serving Alfamart's operations across Indonesia.
- Designed and implemented data flow architecture using Node.js + TypeScript, handling corporate property records and approval workflows.
- Implemented authentication system with role-based access control (RBAC) to secure sensitive corporate data for internal users.
- Architected cloud deployment infrastructure and selected the Node.js + TypeScript + PostgreSQL tech stack based on scalability and performance requirements.
- Collaborated with cross-functional teams and adapted application features to evolving business requirements throughout the development cycle.
- Implemented automated web testing using Selenium to ensure the reliability and functional compliance of the SPARTA corporate management system.

Lecturer Assistant — Data Structure & IoT March 2024 – June 2025
Universitas Esa Unggul *Jakarta, Indonesia*

- Facilitated practical sessions for Data Structure and Internet of Things courses, guiding students through hands-on exercises and lab assignments.
- Mentored students in understanding complex algorithms, data structure implementations, and IoT sensor integrations.
- Assisted in evaluating and grading assignments and exams, providing constructive feedback to improve student performance.

IT Network Administrator December 2021 – March 2022
Citra Java Media Net *Tangerang, Indonesia*

- Monitored and maintained network infrastructure, ensuring stable connectivity and minimal downtime for clients.
- Diagnosed and resolved network issues including outages and performance bottlenecks.
- Configured and managed Mikrotik routers and switches for optimized network traffic routing.
- Implemented network security measures to protect client data and prevent unauthorized access.

PROJECTS

SPARTA — Corporate Management System | *Node.js, TypeScript, PostgreSQL* Nov 2025 – May 2026

- National-scale corporate property administration and approval tracking system for PT Alfamart.
- Implemented user authentication, RBAC, and a multi-level reporting and approval workflow system.
- Deployed on cloud infrastructure with CI/CD pipeline for continuous delivery.
- Live Demo — GitHub

Central Durian Cisoka — Restaurant Website | *Laravel, Blade, MySQL* 2024

- Developed a full-stack reservation website enabling customers to browse menus and book restaurant spots online.

Built responsive UI with Blade template engine and implemented backend booking logic with Laravel.
GitHub

Bangkit Capstone — Backend API | *Laravel 10, PHP, MySQL* 2023
Architected and developed RESTful APIs for the Bangkit Academy 2023 capstone project, collaborating with ML and Android teams.
Designed database schema and API endpoints to handle application logic and data management.
GitHub

Inventory Tracking System — PT Mayora | *PHP, Blade* 2023
Created a document and asset tracking system to streamline inventory management for PT Mayora.
Implemented dynamic data tables, search filtering, and exportable reporting features.
GitHub

Terie Bakery App | *Dart, Flutter* 2023
Designed and developed a mobile ordering app with seamless UI/UX for browsing products and placing orders.
GitHub

Patient Satisfaction Survey — RS Qadr | *Web Developer* 2023
Developed a patient satisfaction survey web application to collect feedback and improve hospital service quality.
GitHub

SKILLS

Languages: JavaScript (TypeScript), PHP, Python, Dart

Backend: Node.js, Express.js, Laravel, Flask

Databases: PostgreSQL, MySQL

Cloud & DevOps: Google Cloud Platform (Compute Engine, Cloud Run, Cloud Functions), AWS, Docker

Mobile: Flutter

Testing & QA: Selenium, Postman, Black Box Testing, Test Case Creation

Tools: Git, Postman, Linux, REST API Design, Selenium

EDUCATION

Universitas Esa Unggul GPA: 3.74 / 4.00 (Cum Laude)
Bachelor of Informatics Engineering *2021 – 2025*
Thesis: Design and Development of a Mobile Payment & Internet Installation Application with Cloud Computing and Extreme Programming (Case Study: Midnet Home Networking).
Built an Android app using Flutter & Laravel with Midtrans Payment Gateway and cloud-based architecture, enabling users to request installations and process payments seamlessly.
Achieved a System Usability Scale (SUS) score of **80.1**/**100**, indicating high usability and user acceptance. All features passed Black Box testing with 100% functional compliance.

Bangkit Academy 2023 Batch 2 — Cloud Computing August 2023 – January 2024
Led by Google, Tokopedia, Gojek, & Traveloka *Indonesia*
Configured and managed scalable cloud infrastructure using GCP (Compute Engine, Cloud Storage, Cloud SQL).
Implemented serverless applications using Google Cloud Functions and Cloud Run.
Designed and deployed containerized applications using Docker and Kubernetes.
Collaborated with a multidisciplinary team (ML, Android, Cloud) to build and launch a real-world capstone project.

Digital Talent Scholarship — VSGA Kominfo July 2023 – August 2023
Junior Web Developer Certification Program *Indonesia*
Completed national competency-based training in web development covering UI implementation, structured programming, and best practices.
Earned BNSP Junior Web Developer professional certification upon completion.

SMK Negeri 9 Kab Tangerang
Teknik Komputer dan Jaringan (Computer & Network Engineering) *2018 – 2021*

CERTIFICATIONS

Professional Certifications:

KEMNAKER — Internship Completion Certificate, Building & Maintenance Digital Store (PT Alfamart) *2026*

BNSP — Software Quality Assurance Competency Certification *2026*

BNSP — Junior Web Developer Competency Certification *2024*

Alibaba Cloud Certified Developer *2024*

Training & Courses:

Intermediate English Course — Kampunginggrism (Grade A, 90 Points) *2026*

Bangkit Academy 2023 H2 — Cloud Computing Path (Google) *2024*

The Bits and Bytes of Computer Networking (Google — Coursera) *2023*

Vocational School Graduate Academy — VSGA Kominfo *2023*

Back-End Application Development with Google Cloud (Dicoding) *2023*

Flutter Application Development for Beginners (Dicoding) *2023*

Language Proficiency:

EPrT — English Proficiency Test (Telkom University), Score: 467 *2025*

TOEFL ITP — Official Score Report Level 1 (ETS), Score: 430 *2025*

TOEFL Prediction (Universitas Esa Unggul / BMB), Score: 450 *2022*

ORGANIZATIONS

Google Developer Student Clubs (GDSC) — Esa Unggul University November 2022 – August 2023

Technical Support Core Team — Backend Web Developer *Jakarta, Indonesia*

Delivered workshops on Backend Development, JavaScript, and Node.js runtime to fellow students.
Demonstrated REST API consumption and testing workflows using Postman in hands-on sessions.