

# CHARISTO MARC GYBRAN

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## SUMMARY

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Software Engineer with over one year of production experience building and maintaining high-availability microservices serving 100k+ active users at a fintech platform (Nanovest). Specialized in Java/Spring Boot, PostgreSQL/Redis, and GCP cloud services. Additional background in cloud infrastructure (Telkomsel, Kubernetes, AWS) and enterprise internal tooling. Experienced in cross-functional collaboration across Product, QA, Frontend, and TPM teams, with hands-on use of AI-assisted development tools (Claude Code, Gemini) to accelerate engineering workflows.

## EXPERIENCE

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### Software Engineer

Nanovest | Jakarta, Indonesia

June 2025 – Present

- Develop and maintain multiple production backend services in Java/Spring Boot across two engineering teams, Platform Team and Stock & Gold Asset Team, serving 100k+ active users.
- Collaborate cross-functionally with Frontend, QA, Product, and TPM to deliver features from requirement alignment through production deployment.
- Built Target Price Order feature, enabling automated buy/sell triggers on crypto and gold assets.
- Built push notification and email alert services, including an insufficient balance reminder that reduces failed recurring order rates by proactively notifying users before automated transactions execute.
- Migrated payment integration from legacy Xendit VA to updated Xendit VA API; implemented maintenance mode for payment channels to improve system resilience during provider outages.
- Contributed to a core architecture overhaul, separating event ingestion and parallel processing into dedicated pods with async flows, cutting peak market-open processing time by ~95% (from ~1 hour to under 5 minutes).
- Delivered user compliance data patching, automated PDF tax statement generation for equity assets, and backend observability improvements via GCP.

### Software Engineer

LG Sinar Mas | Jakarta, Indonesia

Nov 2024 – May 2025

- Designed and implemented back-end business logic rules using BizActor and Java for a Manufacturing Execution System (MES) operating across smart factory systems in multiple countries.
- Maintained and enhanced MES modules covering Electrode, Assembly, Formation, and Pack manufacturing stages; analyzed data using SQL Server Management and validated project development requests to ensure system functionality.
- Developed front-end interfaces in C# to support operational workflows for factory floor teams.

### Cloud Engineer – Internship

Telkomsel | Jakarta, Indonesia

Aug 2023 – Dec 2023

- Analyzed CPU and memory resource allocation in a production CIAM Kubernetes deployment, delivering rightsizing recommendations that reduced resource consumption by up to 40% across targeted pod services.
- Designed and delivered Grafana monitoring dashboards ingesting AWS Config and Glue Crawler data, reducing cloud infrastructure review overhead for the cloud operations team.
- Architected and deployed capability-building cloud projects leveraging AWS services including EC2, Lambda, S3, RDS, IAM, CloudWatch, Glue, and VPC to demonstrate infrastructure patterns for internal team upskilling.

### Full Stack Web Engineer – Internship

Telkomsel | Semarang, Indonesia

Jan 2023 – Mar 2023

- Built a rectifier monitoring web application in PHP (Laravel) with Bootstrap frontend, automating equipment data collection and eliminating recurring manual inspection work for the IT operations team.
- Delivered real-time interactive charts and alerting dashboards, improving operational visibility and enabling faster fault detection for network infrastructure teams.

## EDUCATION

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### Bachelor of Informatics / Computer Science

Universitas Diponegoro | Semarang, Indonesia

Sep 2020 – June 2024

GPA: 3.86 / 4.00 · Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Cloud Computing

## PROJECTS

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### Dashboard Plate Recognition

Bachelor Thesis

Jan 2024 – June 2024

- Developed a web-based dashboard using Node.js and Next.js for centralized license plate recognition data management, with real-time data synchronization via Firestore and REST API.
- Managed the project end-to-end, from architectural design to deployment; designed and developed the full UI/UX.

### SkillUp

Universitas Diponegoro, 5th Semester Project

Sept 2022 – Nov 2022

- Engineered a Node.js/MongoDB REST API backend for an academic data management platform, independently managing database schema design, environment setup, and production deployment. Received an A grade.

## TRAINING

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### Mobile Development Cohort — Bangkit Academy 2023

Google, GoTo, Traveloka | Online

Feb 2023 – June 2023

- Completed Google-backed intensive engineering program (~10% acceptance rate) focused on Android development (Kotlin, MVVM, Jetpack Compose), machine learning integration, and cross-functional collaboration.
- Built MediCare Android app integrating ML models via REST API for symptom-based disease detection.

## SKILLS

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**Programming Languages:** Java, Go, Kotlin, JavaScript, TypeScript, Python, PHP

**Backend:** Spring Boot, Node.js, RESTful API, Microservices, Spring Security, Maven/Gradle

**Databases & Caching:** PostgreSQL, Redis, MongoDB, SQL Server, Firebase/Firestore

**Cloud & Infrastructure:** GCP, AWS (EC2, Lambda, S3, RDS, IAM, CloudWatch, Glue), Kubernetes, Docker

**Mobile:** Android (Kotlin), MVVM Architecture, Jetpack Compose

**AI Tools:** Claude Code — writing skills, building plugins, debugging, boilerplate generation, test case writing, HLD design; prompt engineering; Gemini

**Tools & Practices:** Git, Grafana, CI/CD, JWT/OAuth 2.0, Agile/Scrum

**Languages:** Bahasa Indonesia (Native), English (Professional Working)