

GALIH PRIYAMBODHO

Backend & Database Engineer

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PROFESSIONAL SUMMARY

Backend and database engineer with 7+ years of software engineering experience (since 2018), most of it building transaction systems for Indonesian financial technology, plus a year in e-commerce. Specialised in C# / .NET Core services, SQL Server and PostgreSQL performance tuning, and high-volume payment processing (PPOB bill payments, bank transfers, EDC terminals). Currently leading the migration of legacy fintech services to Microsoft Azure and integrating LLM-assisted workflows for technical documentation.

WORK EXPERIENCE

Senior Software Engineer

Dec 2022 – Present

PT Arranet Indonesia Sejahtera — Jakarta, Indonesia

- Lead the migration of legacy fintech services to Microsoft Azure, planning staged cutovers and rollback paths for systems that cannot afford downtime.
- Build and maintain .NET Core backend services processing high-volume financial transactions: PPOB bill payments, bank transfers, and wallet-to-wallet transfers.
- Reduce query latency on PostgreSQL and SQL Server through indexing strategy, table partitioning, and execution-plan tuning for high-volume financial data.
- Built an automated transaction engine that schedules and runs thousands of daily transaction jobs across a network of payment devices.
- Modernised the backend for EDC payment terminals, improving server-side processing speed and transaction security.
- Integrate LLM APIs into the team workflow to automate technical documentation and PRD drafting.

Software Engineer

Dec 2021 – Nov 2022

Qodyra Technologies — Remote

- Built and maintained e-commerce backend services and APIs using C# / .NET and Laravel.
- Optimised query performance and indexing for large-scale product catalogs across PostgreSQL and MongoDB.
- Resolved data-flow bottlenecks between SQL and NoSQL stores, keeping catalog data consistent and reads fast under load.

Software Engineer

Oct 2018 – Nov 2021

PT Arranet Indonesia Sejahtera — Jakarta, Indonesia

- Developed end-to-end fintech transaction systems on ASP.NET and .NET Core, including a national electricity payment integration.
- Implemented API security with JWT and OAuth2 for bank and payment partner integrations, documented with Swagger/OpenAPI.
- Maintained and modernised legacy .NET Framework modules (MVC, WCF) for integration with modern REST API standards.
- Worked within an ISO 9001:2015 quality management process; introduced internal automation tools that reduced manual documentation work.

IT Engineer Trainee

May 2014 – Jan 2015

Berca Hardayaperkasa — Jakarta, Indonesia

- Supported senior engineers in IT operations and troubleshooting, resolving 10+ technical tickets daily.
- Helped maintain 99% uptime for internal infrastructure and streamlined daily reporting, reducing manual documentation time by about 20%.

KEY PROJECTS

PayAja Digital Transaction Platform (2023–2024, live) — backend for a consumer payments app: PPOB bill payments, bank transfers, and wallet-to-wallet transfers through one integrated service. .NET Core, PostgreSQL, payment gateway integration.

Bayar-Bayar EDC Backend (2024, active) — modernisation of the backend behind EDC payment terminals: faster server-side processing, tighter transaction security. .NET Core.

Automated Transaction Engine (2025, active) — internal engine scheduling and running thousands of transaction jobs a day across a payment device network. .NET Core, C#, SQL Server.

National Utility Payment Link (2022–2023, live) — maintained the integration handling national electricity payments with a focus on reliability and uptime. .NET Framework.

EDUCATION

Bachelor of Computer Science

2015 – 2018

University of Indonesia — Depok, Indonesia

Associate Degree (D3), Information Technology

2011 – 2014

Telkom University — Bandung, Indonesia

TECHNICAL SKILLS

Backend: C#, .NET Core, ASP.NET Core, .NET Framework, Web API, Entity Framework Core, LINQ, MVC, WCF, WinForms, REST API design, background jobs and scheduling

Databases: SQL Server, T-SQL, stored procedures, indexing, query optimization, execution plans, PostgreSQL, PL/pgSQL, partitioning, MongoDB, SQL/NoSQL data consistency

Payments domain: payment gateway integration, PPOB billing systems, EDC terminal backends, reconciliation and data integrity, high-volume transaction processing

Cloud and tooling: Microsoft Azure, cloud migration, LLM integration, Swagger/OpenAPI, Git, GitHub, ISO 9001:2015 workflow, technical documentation and PRDs

Web: HTML, CSS, JavaScript (ES6+), Bootstrap, Laravel/PHP

LANGUAGES

Indonesian (native) | English (professional working proficiency)

ADDITIONAL INFORMATION

Mentoring junior developers; leading architectural migrations to cloud-native environments. Outside work: coffee chemistry and precision brewing (French press).