

ERICSSON BUDHILAW

TECHNICAL LEAD

Sidoarjo, East Java 61271 • ericsson.budhilaw@gmail.com • + (62) 851-8666-2077

PROFESSIONAL EXPERIENCE

PAPER.ID	Full-time
Technical Lead	2023 - Present
<ul style="list-style-type: none">• Handle people management in Malang City for all squads.• Manage core squad that handles all payments feature such as Disbursement, Top-up, Withdrawal, Payment Session (Link) etc (Backend and Frontend).• Managing and Designing technical documentation for core squad and cross squad such as P2P Ledger, Fee Management, Cross Border Payment, QRIS Payment etc.• Designed first team in business unit Payment Gateway from zero including job post creation, talent search, creating live code test, etc.• Successfully deliver good quality service with success rate 100% of disbursement from Paper.id, helping Paper.id to reducing their biggest cost in Fintech Company.• Lead development of robust payment processor systems, overseeing architecture design and implementation.• Encourage Core squad for good quality code like performing unit test coverage up to 90% and 1.8% duplications codes both for Backend and Frontend using SonarQube.• Designed and developed an internal tools project using Rust.• Integrated the internal tools project with the OpenAI Assistant API to enhance automation capabilities.• Implemented Retrieval-Augmented Generation (RAG) by integrating the internal tools project with a Vector Database (MongoDB).	
PAPER.ID	Full-time
Backend Engineer	2023 - 2024
<ul style="list-style-type: none">• Implement NewRelic in Invoice Service, Communication Service, FDS Service and Import Service.• Develop Fraud Detection System.• Integrate new Whatsapp and SMS Vendor.• Integrate third-party Accounting vendor.• Demonstrated ability to provide guidance and mentorship to peers in advancing their Go programming skills.• Facilitated peer learning sessions on advanced Go programming topics, with a focus on goroutines, resulting in improved team performance and knowledge.	
EMTRADE FINANCIAL TECHNOLOGY	Full-time
Backend Engineer	2021 - 2023
<ul style="list-style-type: none">• Developed some features such as Online Class, Fundamental and Analyst services.• Migrated from PHP to Go (Golang). Ported from Monolith Laravel to Microservice Golang.• Evangelist the Test-Driven Development to Emtrade's engineers by creating sharing session and code review.• Assisted the Head of Engineering to riset about new architecture, tracing & monitoring services and improve services performances.• Assisted the Lead Engineer to refactor internal library (golib) and code review.• Led an Refactor Team to migrate legacy code into Clean Code architecture with Go and improved unit test code coverage around 70% to 90%.• Led an Datadog implementation for tracing & monitoring that will help engineers to debug and improve the performance of some services.• Designed the new architcture for authentication process by decoupling the Admin and Member services.• Worked with other technologies such as Google Cloud, Redash, Grafana and Docker.	
CV SUDUTKELASKU	Part-time
Fullstack Engineer	2018 - 2021
<ul style="list-style-type: none">• Introduced docker and git workflow with Github.• Developed search engine feature for searching Private Teacher based on location.	

- Ported backend from Monolith Laravel to Golang (mostly using Gin and Gorm) and use ReactJS as Frontend.

EDUCATION

Adhi Tama Institute of Technology, Surabaya
Bachelor's Degree of Computer Science
(GPA 3.8)

2019 – 2025

ADDITIONAL INFORMATION

- **Speaker** at Webinar “Start Up: Peluang dan tantangan untuk Generasi Milenial Indonesia” held by BISA AI Academy (PT Bisa Artificial Indonesia)
- **1st Place of Best Innovation - Web Development Competition**, Issued by Informatics Engineering Department, Adhi Tama Institute of Technology
- **1st Place - UI / UX Competition**, Issued by Informatics Engineering Department, Adhi Tama Institute of Technology
- **TOEIC Score: 580**, Issued by PT International Test Center-TOEIC Center Indonesia