## SENIOR SOFTWARE ENGINEER
# ALDO ABELLTO

Senior Software Engineer with 8+ years of experience building and scaling cloud-native systems using Node.js, TypeScript, and Golang. Proven track record of leading teams to deliver high-performance, reliable applications. Specialized in system architecture, scalability, and DevOps automation across AWS, GCP, and Azure.Ready to drive impact in a Lead Backend or Tech Lead role through both technical depth and leadership.

## CONTACT

☎ +62-8122-6202-442

✉ aldo.abellto14@gmail.com

⌂ Batam, Indonesia

🌐 aldoabellto.com

## EDUCATION

**2014 - 2018**

**STATE POLYTECHNIC OF BATAM**

Bachelor of Information Technnology

## EXPERTISE

- Database Architecture
- Cloud Engineering (AWS, GCP, Azure)
- Microservice Architecture
- DevOps & CI/CD Automation
- Technical Leadership & Team Management
- System Scalability & Performance Optimization
- Backend Development (Node.js, Golang, TypeScript)

## EXPERIENCE

### TEAN LEAD

OpsBlox

**Sep 2025 - Present**

- Led the end-to-end development of an AI-enabled Azure Cloud FinOps platform, collaborating directly with founders to translate product vision into a scalable MVP targeting enterprise cloud cost optimization.
- Designed and implemented scalable microservices using Golang, gRPC, and Protocol Buffers, enabling efficient service-to-service communication and future platform extensibility.
- Integrated Azure billing, monitoring, analytics, and cloud policy data to provide actionable insights into cloud usage and cost efficiency.
- Established CI/CD pipelines using Azure DevOps, improving deployment reliability, development velocity, and release consistency.
- Containerized and deployed services using Docker and Kubernetes, ensuring scalability, resilience, and cloud-native best practices.
- Defined and enforced architecture, code quality, security, and performance standards, laying the foundation for long-term platform scalability.
- Supported MVP delivery timelines by maintaining high development velocity in a fast-paced startup environment.

Technologies Used: Golang, gRPC, Protocol Buffers, React.js, Material UI, MongoDB, Docker, Kubernetes, Microsoft Azure, Azure DevOps, CI/CD, GenAI (ChatGPT), Cloud FinOps, Microservices Architecture

## SKILLS

- **Programming Languages**: NodeJS, TypeScript, Golang, PHP, Kotlin, Java
- **Frameworks & Libraries**: ExpressJS, ReactJS, AngularJS, NestJS, Echo Go
- **Cloud & DevOps**: AWS, Google Cloud, Azure , Github Action, Jenkins, Docker, Kubernetes, Grafana, Kibana
- **Databases**: MySQL, PostgreSQL, MongoDB, MariaDB, DynamoDB, Cosmos DB,, Redis, Elasticsearch
- **Other**: Microservices Architecture (CQRS, SOLID principles), RESTful API design, Agile/Scrum methodology, Team Leadership & Mentoring

## CERTIFICATION

- Cyber Security Professional , Google Certificated, September 2024
- Software Architecture & Design of Modern Large Scale Systems, Udemy, November 2023
- AWS Certified Developer Associate, Udemy, February 2023
- Elasticsearch Essential Training, LinkedIn, May 2022
- Advanced Node.js, LinkedIn, August 2021

## EXPERIENCE

### SENIOR BACKEND ENGINEER

Telkom Indonesia

**June 2022 - Sep 2025**

- Led the SMOOA add-on project, integrating external Telkom core systems and Telkomsel services to support millions of users, resulting in 10,000+ daily active users on the platform.
- Spearheaded the development of major features for the MyIndiHomeX application, enhancing user engagement and satisfaction for a nationwide telecom provider.
- Implemented a scalable microservices architecture (CQRS pattern, SOLID principles) using Node.js, TypeScript, and Golang, improving system maintainability and performance.
- Architected high-throughput APIs to handle traffic spikes (e.g. voucher and reward features), ensuring reliable performance during peak usage periods.
- Mentored 2 junior engineers/interns in backend development best practices, improving team productivity and code quality.

Technologies Used: Node.js, TypeScript, Golang, Kafka, Docker, Redis, Elasticsearch, MongoDB, MariaDB, Restful API, EC2, lambda, SNS, SQS, S3, EKS, APIgateway, LB , Kibana, DynamoDB

### SENIOR SOFTWARE ENGINEER

AIA Singapore

**December 2018 - June 2022**

- Developed and launched a microservices-based eCommerce platform for a leading insurance firm, significantly improving application scalability and performance.
- Built dynamic form modules to streamline product creation, increasing internal process efficiency by 40%.
- Created custom npm libraries to standardize and optimize development workflows across teams, reducing duplicate effort and minimizing bugs.
- Mentored a team of 3 junior developers and managed an internship program, acting as a deputy team lead to ensure high code quality and on-time delivery.
- Deployed and maintained cloud services on Microsoft Azure (AKS, Azure DevOps, Cosmos DB), ensuring high availability and smooth release cycles for critical applications.

Technologies Used: Node.js (Express), React.js (Gatsby), Redux Saga, Docker, Azure Cosmos DB, Azure AppInsight, Azure Event Hub, Azure Storage, Docker, Restful API

# EXPERIENCE

### IT MANAGER (FREELANCE)

Kindredpest

**December 2021 - June 2024**

- Integrated third-party platforms (Airtable, Zapier, Google Scripts, RingCentral, Pestroutes) to automate business workflows, boosting operational productivity by 80%.
- Set up and optimized CI/CD pipelines (GitHub Actions deploying to Google Cloud Run, VMs, Docker), reducing deployment time by 90%.
- Developed scalable custom applications using Node.js and Golang, including a MySQL-based payroll system that eliminated 90% of manual processing.
- Optimized database performance by refactoring complex MySQL queries, reducing database issues by 75% and improving reporting efficiency.
- Led a small development team to deliver multiple projects on time, fostering collaboration and ensuring solutions aligned with business needs.

Technologies Used: Node.js, Golang, Cloud Run, GitHub CI/CD, GCP, MongoDB, MySQL, Airtable, Zapier, PubSub, GraphQL API

### TEAM LEAD

Bright PLN Batam

**July 2018 – December 2018**

- Led the development of the Bright Integrated System, a real-time data dashboard (Node.js/Restify backend, React.js frontend) that improved data visualization and decision-making for the company.
- Managed a team of developers to implement dynamic role-based access control and multi-database integration (MySQL, PostgreSQL, MongoDB), ensuring secure and efficient data management.
- Coordinated with stakeholders to gather requirements and deliver solutions within tight deadlines, aligning technical outcomes with business objectives.

Technologies Used: Nodejs, Restify, React.js, MySQL, PostgreSQL, MongoDB, Restful API, Docker

# EXPERIENCE

### SENIOR WEB APPLICATION DEVELOPER

Wasco Engineering Indonesia

**February 2017 – July 2018**

- Developed multiple internal web applications (inventory management, travel request, HR, e-leave systems) using PHP (CodeIgniter) and JavaScript, streamlining operations and improving internal communication.
- Integrated Java-based components for data extraction and automated email notifications, collaborating with department heads to ensure each application met specific operational needs.

Technologies Used: CodeIgniter, Java, MySQL, JavaScript, Java, Docker, Restful API

### FULLSTACK ENGINEER

Dreamsmart

**December 2015 – February 2017**

- Built and maintained web applications using PHP (Laravel) and JavaScript frameworks (Node.js/Express with AngularJS, Meteor.js with Blaze), enhancing user experience and business workflows.
- Created RESTful APIs to support mobile app features and enforced code quality through regular peer reviews and adherence to best practices, resulting in reliable and maintainable codebases.

Technologies Used: Laravel, Node.js, Angular 1, Meteor.js, MySQL, MongoDB, Restful API