

# Tajhul Faijin Aliyudin

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## EDUCATION

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**PASIM National University**  
*Bachelor of Computer Science*  
Concentrations: Big Data

**Bandung, Indonesia**  
Dec 2010 - Dec 2013

## EXPERIENCE

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### **Addtix.id (Full-time, remote)**

*Full-stack Developer & DevOps Engineer*

**Jakarta, Indonesia**

June 2024 – Present.

Addtix.id is a full-service Indonesian ticketing and crowd management platform serving Arts & Culture, MICE, Entertainment, Sports Events, and Theme Parks.

- Designed, built, and maintained scalable distributed platform features for addtix.id, including high-traffic public systems and internal back-office tools
- Handled end-to-end cloud infrastructure supporting large-scale ticket war events, ensuring system stability during extreme traffic spikes
- Optimized application performance and infrastructure to handle high concurrency, burst traffic, and peak transaction loads
- Implemented resilient deployment and scaling strategies using Kubernetes to ensure high availability during critical sales periods
- Maintained high availability and zero-downtime deployments during major event launches
- Performed continuous security assessments and implemented preventive measures to protect customer data and transactions
- Managed production systems across Alibaba Cloud and Google Cloud, including configuration, monitoring, and operational maintenance
- Owned the full software lifecycle from development and deployment to real-time monitoring and incident response

Tech Stack: Angular, Go, REST APIs, gRPC, Docker, Kubernetes, Redis, Alibaba Cloud (ACK, OSS, ECS, VPC, ApsaraDB, Container Registry), Google Cloud (GKE, Cloud Storage, Compute Engine, VPC, Cloud SQL, Artifact Registry), CI/CD (GitHub Actions), Linux, Cloudflare.

### **RightCliQ Solutions (Freelance, remote)**

*Software Engineer & DevOps Engineer*

**ShahAlam, Malaysia**

Apr 2020 – Present

RightCliQ Solutions is one of the leading innovative software development companies, offering project-based engagement in software development.

- Built and maintained scalable features for multiple software products across diverse client projects
- Improved system performance and stability through application optimization and infrastructure tuning
- Ensured product security by performing continuous security assessments and implementing preventive measures
- Managed end-to-end cloud infrastructure, including configuration, monitoring, and operational maintenance
- Supported the full software lifecycle from development to deployment and production monitoring

Tech Stack: PHP(Laravel), Go, REST APIs, Docker, Redis, AWS (Elasticbeanstalk, Kubernetes (AKS), S3), CI/CD (GitHub Actions / Bitbucket Pipeline), Linux, Cloudflare, Blockchain (Veridoc Global, Have-To Blockchain).

**PT Semesta Edukasi Kreatif (Full-time)****Jakarta, Indonesia***Backend Developer & DevOps Engineer*

April 2021 – May 2024

Semesta Akademi is an e-learning platform connecting industry experts and learners through immersive knowledge-sharing experiences.

- Reported directly to the Chief Technology Officer (CTO) and contributed to backend architecture and infrastructure decisions
  - Built and enhanced backend features using Laravel and Node.js, focusing on scalability, performance, and maintainability
  - Built and enhanced backend features using Laravel and Node.js, focusing on scalability, performance, and maintainability
  - Identified, debugged, and resolved production issues to ensure high system availability and reliability
  - Implemented caching and background processing using Redis to improve response times and reduce system load
  - Containerized applications with Docker and managed deployments through CI/CD pipelines
  - Configured, monitored, and maintained cloud infrastructure on AWS/GCP, supporting production and staging environments
  - Collaborated with cross-functional teams to deliver features efficiently and maintain platform stability
- Tech Stack: Laravel, Node.js, Go, REST APIs, Docker, Redis, AWS (Elasticbeanstalk, Elastic Transcoder, S3), GCP (Compute Engine), CI/CD (GitHub Actions / Bitbucket Pipeline), Linux, Cloudflare.

**aku.io (co-founder)****Shah Alam, Malaysia***Software Engineer & DevOps Engineer*

Jan 2020 – Jan 2023

aku.io is a DevOps-as-a-Service platform that helps you release new features frequently and confidently, improve product quality and security, focus on innovation, accelerate adoption of best practices, build a happy and productive team.

- Built and maintained a builder agent for multi-cloud target
  - Built and maintained a deployer agent for multi-cloud target
  - Ensured product security by performing continuous security assessments and implementing preventive measures
  - Supported the full software lifecycle from development to deployment and production monitoring
- Tech Stack: PHP, Go, Python, Node.js, Docker, Redis, AWS (Elasticbeanstalk, EC2, Cloudformation), Google Cloud (Compute Engine, App Engine), CI/CD (GitHub Actions), Linux, Cloudflare

**PT Karya Anak Digital (Full-time)****Jakarta, Indonesia***Backend Developer & DevOps Engineer*

Mar 2017 – Nov 2020

TADO is a video-based Q&A platform that evolved into an interactive “choose-your-own-story” video ecosystem, powering TADO TV and TADO Studio—among the first interactive video tools in Indonesia and Southeast Asia.

- Reported directly to C-level management (CTO) and contributed to core backend and infrastructure decisions
- Designed, developed, and maintained core backend systems for tadotv.com, supporting interactive video experiences at scale
- Built new backend features to support interactive video workflows and content customization
- Investigated, debugged, and resolved production issues to ensure system stability and performance
- Collaborated closely with cross-functional teams to resolve technical issues and deliver platform improvements
- Configured, managed, and monitored cloud infrastructure to support production systems and high-availability services
- Supported an interactive video platform with [1000+ active users] and [2000+ video sessions/month]
- Enabled scalable interactive video delivery used by content creators and enterprise clients across Southeast Asia

Tech Stack: Laravel, Node.js, Go, REST APIs, Docker, Redis, AWS (Elasticbeanstalk, RDS, Elastic Cache, Elastic Search, Cloudfront, ACM, CodePipeline, Elemental MediaConvert, S3), CI/CD (GitHub Actions / Bitbucket Pipeline), Linux, Cloudflare, Video Transcoding (Elastic Transcoder, FFMPEG), Data Pipeline (Lambda function, SQS, S3), Data Lake (S3).

**EBIZU GLOBAL PT, LTD (Full-time)**

**Jakarta, Indonesia**

*Backend Developer & Team Leader*

Nov 2013 – Feb 2017

EBIZU is an ad-tech company enabling advertisers, brands, and merchants to engage customers using behavioral data and mobile technologies.

- Reported directly to the Chief Technology Officer (CTO) and contributed to technical planning and system design decisions
- Led and mentored a Backend and DevOps team, overseeing task planning, implementation, and delivery
- Designed and improved backend systems and rule-based engines supporting large-scale behavioral and advertising data
- Collaborated closely with product teams to align technical implementation with business requirements across all development phases
- Diagnosed and resolved critical issues in core backend services to maintain system stability and performance
- Monitored and optimized cloud infrastructure usage and operational costs to improve efficiency
- Processed [nearly 1 million events/day] across ad-serving and analytics systems

Tech Stack: Backend Services, Rule Engines, Big Data Systems, REST APIs, Cloud Infrastructure, Linux, Monitoring & Cost Optimization.

**SANGKURIANG INTERNATIONAL, PT (Full-time)**

**Jakarta, Indonesia**

*Web Developer & Team Leader*

Jan 2011 – Oct 2013

PT Sangkuriang International is a Bandung-based software house partnering closely with Indonesian government institutions and enterprise clients.

- Reported directly to C-level management (CTO) and supported technical planning and delivery
- Led and managed a web development team across multiple government and non-government projects
- Coordinated with product and stakeholders to gather requirements and align technical implementation throughout the development lifecycle
- Designed and developed various web-based applications, primarily for Indonesian government sectors, including high-security and military-related systems
- Ensured project delivery met functional, performance, and security requirements
- Delivered multiple long-term government projects with strict compliance and security standards
- Gained early experience leading teams and managing complex, multi-stakeholder software projects

Tech Stack: ASP.NET, PHP (Laravel, Zend Framework), Node.js, Go, REST APIs, Virtual Machine, Bare Metal Server, Linux, Windows Server.

**PROJECTS PORTFOLIO**

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**ADDtix ID – addtix.id**

*DevOps Engineer & Full-stack Developer [addtix.id]*

High-traffic Indonesian ticketing and crowd-management platform.

**semestaakademi.com**

*DevOps Engineer & Backend Developer [PT Semesta Edukasi Kreatif]*

Main portal for an Indonesian e-learning platform connecting experts and learners.

**aku.io - builder agent**

*DevOps Engineer & Backend Developer [aku.io]*

is a Linux agent written in Go to perform builds & tests on the software development activities. It can execute parallel build processes from several supported programming languages: NodeJS, Go, PHP, and Python

**aku.io - deployer agent**

*DevOps Engineer & Backend Developer [aku.io]*

Is a Linux agent written in Go to perform deployment activities to several supported target cloud stacks: AWS EC2, AWS Elastic Beanstalk, AWS ECS, AWS S3, GCP Compute Engine, and GCP App Engine.

## **Jagat Live**

*Backend Developer [PT Karya Anak Digital]*

Jagat Live is a metaverse project that focuses on catering to virtual events. On Jagat, user is able create virtual events and explore the Jagat virtual building. Since its inception, Jagat has worked with various clients, including Ideafest, Unilever, and Astra Group Indonesia.

## **Ideafest 2021**

*Backend Developer [PT Karya Anak Digital]*

Ideafest is a creative movement that aims to inspire real action. Ideafest is now an annual Creative Festival based in Jakarta that inspires and connects Creative Communities to collaborate. During the pandemic, Ideafest shifted to a virtual format. This marked the second year I worked on Ideafest, and I had the chance to shift to a backend developer role. In this role, I work more on building core backend: api and back office systems.

## **STUDIA ACADEMY**

*Fullstack Developer & Devops Engineer [PT Karya Anak Digital]*

Studia Academy is a Hong Kong-based education company that provides a one-on-one learning solution. The solution allows students to learn from tutors who come from all around the world. I work on building the core backend systems: booking module, live chat module, and purchasing module.

## **TADO TV**

*Fullstack Developer & Devops Engineer [PT Karya Anak Digital]*

Is an interactive video platform that allows users to determine the flow of the movie's story of the movie. TadoTv served local short movies from local production houses in Jakarta. To earn money, this platform includes advertisements on the movie content. There are two types of advertisement: Inside video content (the ad content becomes a part of the story) and using ad banners (like what YouTube did).

## **TADO ASK**

*Fullstack Developer & Devops Engineer [PT Karya Anak Digital]*

Q&A platform (AskFM-like) which allows users to ask influencers (celebrities and other famous public figures). The answers from influencers themselves are served on pre-recorded videos. Built in fully PHP code (Laravel Lumen) for the core backend system, and AWS for cloud providers (Elastic Beanstalk, RDS, Elastic Cache, Elastic Search, Cloudfront, S3, ACM, CodePipeline, and Elastic Transcoder).

## **EBIZU DATA TRANSFORMER**

*Team Leader & Backend Data Engineer [EBIZU GLOBAL PT, LTD]*

System for transforming raw transaction data into a particular format for the data science engine, Ebizu DMP system. Consuming and transforming approximately 1 million rows of data daily. Built on top of AWS EMR, Athena, and Python (as the language).

## **EBIZU DATA PIPELINE**

*Full-stack Developer & DevOps Engineer [EBIZU GLOBAL PT, LTD]*

Providing scalable data-pipeline systems for Ebizu's applications. Built on top of AWS services(Kinesis, Lambda, S3, and EMR), PHP for the rest api, python2 for the data processing system. Able to handle 100GB of daily data.

## **EBIZU APP PUBLISHER**

*Fullstack Developer [EBIZU GLOBAL PT, LTD]*

Customized and targeted messaging tools based on users demographics and users behaviors. Built in PHP (Yii Framework 2) for the back-office and MySQL as the database engine.

## **EBIZU BUSINESS INTELLIGENCE SYSTEM**

*Full-stack Developer [EBIZU GLOBAL PT, LTD]*

Ebizu's business intelligence system (internal tools). Built in PHP (Yii Framework 2) for the back-office and MySQL as the database engine (that holding final data result from the BI engine).

## **EBIZU BUSINESS CENTRE**

*Full-stack Developer [EBIZU GLOBAL PT, LTD]*

A portal for business owners to manage their business on the Ebizu marketplace ecosystem. Built in PHP (Yii Framework 1) for the back-office, and native PHP for the rest api. And also MySQL as the database engine.

### **EBIZU BEACON NETWORK**

*Full-stack Developer [EBIZU GLOBAL PT, LTD]*

System for monitoring and configuring Ebizu's beacon network infrastructure. Built on top of PHP (Yii Framework 2) for the back-office, and native PHP for the rest api. And also MySQL as the database engine.

### **SIMO**

*Full-stack Developer [SANGKURIANG INTERNATIONAL, PT]*

Drug monitoring system of Inhealth Indonesia. Monitoring drug status (starting from procurement, distribution, and until consumption of the drug). Built in ASP.NET MVC (C#) with SQL Server as the database.

### **INDONESIA TRAVEL — [www.indonesia.travel](http://www.indonesia.travel)**

*Full-stack Developer [SANGKURIANG INTERNATIONAL, PT]*

Indonesian Tourism Ministry portal.

### **INDONESIA TRAVEL MICE**

*Full-stack Developer [SANGKURIANG INTERNATIONAL, PT]*

Indonesia.travel microsite - focused on meeting incentives, convention exhibitions. Travel Story of Indonesia Travel —Indonesia.travel/travel-story Indonesia.travel microsite for sharing traveller stories.

### **KEBUDAYAAN KEMENDIKBUD**

*Full-stack Developer [SANGKURIANG INTERNATIONAL, PT]*

Indonesian Ministry of Education portal for culture.

### **Wargame System — Indonesian Navy War Simulator**

*Full-stack Developer [SANGKURIANG INTERNATIONAL, PT]*

Indonesian Navy (SESKOAL) ship war training simulation system.

### **Underwriting — Inhealth Indonesia**

*Full-stack Developer [SANGKURIANG INTERNATIONAL, PT]*

An analytics application to validate prospective customer of insurance.