

# ENDY MUHARDIN

## IT Consultant

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## SUMMARY

IT Consultant with 20+ years of experience in software architecture, enterprise application development, and process improvement. Specialized in payment systems, microservices architecture, and DevSecOps practices. Delivered 40+ corporate trainings and helped multiple organizations achieve CMMI Level 3.

## EXPERIENCE

Vice Chairman, Lecturer

### STMIK Tazkia

2024–now    Bogor

- In charge of curriculum and quality assurance

Senior Consultant

### ArtiVisi Intermedia

2008–now    Jakarta

- Analyse customer requirement, propose, and implement solution. Provide expertise on software architecture, project management, and software development process improvement

Trainer

### Brainmatics

2006–now    Jakarta

- Delivers training material on project management, software development, testing, and programming

IT Dept Head, Lecturer

### Universitas Tazkia

2017–2024    Bogor

- Manage IT department, develop campus information systems, lecture on programming

Software Engineering Process Group

### BaliCamp

2005–2008

- Research and implement corporate-wide process and procedure compliant with CMMI requirement. Achieved CMMI ML-3 in 2007

Lead Programmer

### Telematics Indonesia

2004–2005

- Design software and write code on various client project

Lead Programmer

### Enciety

2003–2004

- Develop core banking application

## SELECTED PROJECTS

High Availability SSO Infrastructure

### PT Kereta Api Indonesia

2025

- Production-ready Keycloak SSO with PostgreSQL replication, OpenLDAP federation, HAProxy load balancing

## SKILLS

Architecture    Programming    Payment Systems    DevSecOps    Infrastructure    Process    Domain

**Architecture:** Microservices, REST API, Event-Driven, OAuth/SSO

**Programming:** Java, Spring Boot, Spring Cloud, Hibernate

**Payment Systems:** ISO-8583, Payment Gateway, ATM/EDC Integration

**DevSecOps:** Docker, Kubernetes, CI/CD, SAST (Spot-Bugs, CodeQL), DAST (OWASP ZAP)

**Infrastructure:** Linux Administration, Cloud Services, Performance Tuning

**Process:** CMMI, Scrum, Software Engineering, Quality Management

**Domain:** Banking, Insurance, Government, Education

## TRAINING TOPICS

Site Reliability Engineering    Microservices Architecture    DevSecOps & Kubernetes    Payment Systems (ISO-8583)    Java & Spring Framework    Application Security    Automated Testing    CMMI & Process Improvement

## EDUCATION

Islamic Economy

### Institut Agama Islam Tazkia

2020    Bogor

Teknik Industri

### STT Telkom

1997–2001    Bandung

## CONSULTING

DevOps Best Practices

### Lembaga Administrasi Negara

2023

Software Engineer Competence Standard

### PT Telkomsel

2022

Single Sign On Implementation

### PT Kereta Api Indonesia

2021

CMMI Dev Implementation

### ICON+

2018

Application Architecture Best Practices

### Jurnal.id

2018

- *Keycloak, PostgreSQL, OpenLDAP, HAProxy, Ansible, Docker*

#### Sharia Banking System

##### **ArtiVisi Intermedia**

📅 2025

- Sharia-compliant banking with Wadiah, Mudharabah savings, Islamic financing products, approval workflows
- *Java 21, Spring Boot, PostgreSQL, Thymeleaf, Tailwind CSS*

#### Accounting System

##### **ArtiVisi Intermedia**

📅 2025

- SMB accounting with Indonesian tax compliance (PPN, PPh), payroll, fixed assets, inventory
- *Spring Boot, PostgreSQL, Thymeleaf, HTMX, Alpine.js, ZAP DAST*

#### Islamic Education Management

##### **Yayasan Sahabat Quran**

📅 2024

- Student registration, class scheduling, academic planning, performance analytics
- *Spring Boot, PostgreSQL, Thymeleaf, Bootstrap*

#### Sharia Insurance Onboarding

##### **Client Undisclosed**

📅 2023

- New customer registration, underwriting, payment integration
- *Java, Spring, Microservice, SOAP*

#### Seaport Management System

##### **Pelabuhan Tiga Bersaudara**

📅 2022

- Pilotage Management, Integration with Kemenhub App, Integration with Bank Payment
- *Java, Spring, Microservice, SOAP*

#### Virtual Account Integration

##### **STEI Tazkia**

📅 2018

- Integrating automated virtual account payment from 3 banks (BSM, BNI, CIMB)
- *Java, Spring, Microservice, REST, SOAP*

#### Academic Information System

##### **STEI Tazkia**

📅 2017

- Students Enrollment, Tuition Fee Payment, Academic Administration, HR, etc
- *Java, Spring, Microservice, OAuth*

#### Payment Switching System

##### **ArtiVisi Intermedia**

📅 2013

- Switching application connecting and intermediating among multiple payment endpoint
- *Java, ISO-8583*

#### Payment Gateway System

##### **ArtiVisi Intermedia**

📅 2011

- Front office and back office application for billing payment outlet

#### CMMI Dev Implementation

##### **Abhimata Persada**

📅 2017

#### CMMI Dev Implementation

##### **Anabatic Technologies**

📅 2015

#### Java Application Best Practices

##### **VeriTrans**

📅 2013

- *HTML, JavaScript, Java, ISO-8583*

#### EDC Server

##### **G4S Euronet**

📅 2010

- Server application for managing multiple EDC devices
- *Java, ISO-8583*

#### ATM Integration

##### **Bank Windu Kencana Indonesia**

📅 2008

- Connecting between core banking application and ATM BCA network
- *Java, Spring Framework, Hibernate, ISO-8583*