

ENDY MUHARDIN

IT Consultant

☎ +62 812 98000 468 ✉ endy@muhardin.com 🌐 software.endy.muhardin.com 📍 Kabupaten Bogor, West Java, Indonesia

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.

Technical Skills

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

Programming: Java, Spring Boot, Spring Cloud, Hibernate

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

Domain: Banking, Insurance, Government, Education

DevSecOps: Docker, Kubernetes, CI/CD, SAST (SpotBugs, CodeQL), DAST (OWASP ZAP)

Infrastructure: Linux Administration, Cloud Services, Performance Tuning

Process: CMMI, Scrum, Software Engineering, Quality Management

Experience

STMIK Tazkia

2024–now

Vice Chairman, Lecturer

Bogor

- In charge of curriculum and quality assurance

ArtiVisi Intermedia

2008–now

Senior Consultant

Jakarta

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

Brainmatics

2006–now

Trainer

Jakarta

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

Universitas Tazkia

2017–2024

IT Dept Head, Lecturer

Bogor

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

BaliCamp

2005–2008

Software Engineering Process Group

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

Telematics Indonesia

2004–2005

Lead Programmer

- Design software and write code on various client project

Enciety

2003–2004

Lead Programmer

- Develop core banking application

Projects

High Availability SSO Infrastructure – PT Kereta Api Indonesia

2025

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

HSM Simulator – ArtiVisi Intermedia

2025

- Educational HSM simulator for payment training with PIN encryption, MAC generation, key ceremony, and inter-bank key exchange
- *Java 21, Spring Boot, PostgreSQL, AES-256, ISO-8583 PIN Blocks*

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

<ul style="list-style-type: none"> • SMB accounting with Indonesian tax compliance (PPN, PPh), payroll, fixed assets, inventory • <i>Spring Boot, PostgreSQL, Thymeleaf, HTMX, Alpine.js, ZAP DAST, Ansible, Pulumi</i> 	
Islamic Education Management – <i>Yayasan Sahabat Quran</i>	2024
<ul style="list-style-type: none"> • Student registration, class scheduling, academic planning, performance analytics • <i>Spring Boot, PostgreSQL, Thymeleaf, Bootstrap</i> 	
Sharia Insurance Onboarding – <i>Client Undisclosed</i>	2023
<ul style="list-style-type: none"> • New customer registration, underwriting, payment integration • <i>Java, Spring, Microservice, SOAP</i> 	
Seaport Management System – <i>Pelabuhan Tiga Bersaudara</i>	2022
<ul style="list-style-type: none"> • Pilotage Management, Integration with Kemenhub App, Integration with Bank Payment • <i>Java, Spring, Microservice, SOAP</i> 	
Virtual Account Integration – <i>STEI Tazkia</i>	2018
<ul style="list-style-type: none"> • Integrating automated virtual account payment from 3 banks (BSM, BNI, CIMB) • <i>Java, Spring, Microservice, REST, SOAP</i> 	
Academic Information System – <i>STEI Tazkia</i>	2017
<ul style="list-style-type: none"> • Students Enrollment, Tuition Fee Payment, Academic Administration, HR, etc • <i>Java, Spring, Microservice, OAuth</i> 	
Payment Switching System – <i>ArtiVisi Intermedia</i>	2013
<ul style="list-style-type: none"> • Switching application connecting and intermediating among multiple payment endpoint • <i>Java, ISO-8583</i> 	
Payment Gateway System – <i>ArtiVisi Intermedia</i>	2011
<ul style="list-style-type: none"> • Front office and back office application for billing payment outlet • <i>HTML, JavaScript, Java, ISO-8583</i> 	
EDC Server – <i>G4S Euronet</i>	2010
<ul style="list-style-type: none"> • Server application for managing multiple EDC devices • <i>Java, ISO-8583</i> 	
ATM Integration – <i>Bank Windu Kencana Indonesia</i>	2008
<ul style="list-style-type: none"> • Connecting between core banking application and ATM BCA network • <i>Java, Spring Framework, Hibernate, ISO-8583</i> 	

Education

Institut Agama Islam Tazkia	2020
<i>Islamic Economy</i>	<i>Bogor</i>
STT Telkom	1997–2001
<i>Teknik Industri</i>	<i>Bandung</i>