

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.

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 <i>Vice Chairman, Lecturer</i> <ul style="list-style-type: none">In charge of curriculum and quality assurance	2024–now <i>Bogor</i>
ArtiVisi Intermedia <i>Senior Consultant</i> <ul style="list-style-type: none">Analyse customer requirement, propose, and implement solution. Provide expertise on software architecture, project management, and software development process improvement	2008–now <i>Jakarta</i>
Brainmatics <i>Trainer</i> <ul style="list-style-type: none">Delivers training material on project management, software development, testing, and programming	2006–now <i>Jakarta</i>
Universitas Tazkia <i>IT Dept Head, Lecturer</i> <ul style="list-style-type: none">Manage IT department, develop campus information systems, lecture on programming	2017–2024 <i>Bogor</i>
BaliCamp <i>Software Engineering Process Group</i> <ul style="list-style-type: none">Research and implement corporate-wide process and procedure compliant with CMMI requirement. Achieved CMMI ML-3 in 2007	2005–2008
Telematics Indonesia <i>Lead Programmer</i> <ul style="list-style-type: none">Design software and write code on various client project	2004–2005
Enciety <i>Lead Programmer</i> <ul style="list-style-type: none">Develop core banking application	2003–2004

Projects

High Availability SSO Infrastructure – <i>PT Kereta Api Indonesia</i> <ul style="list-style-type: none">Production-ready Keycloak SSO with PostgreSQL replication, OpenLDAP federation, HAProxy load balancing<i>Keycloak, PostgreSQL, OpenLDAP, HAProxy, Ansible, Docker</i>	2025
Sharia Banking System – <i>ArtiVisi Intermedia</i> <ul style="list-style-type: none">Sharia-compliant banking with Wadiah, Mudharabah savings, Islamic financing products, approval workflows<i>Java 21, Spring Boot, PostgreSQL, Thymeleaf, Tailwind CSS</i>	2025
Accounting System – <i>ArtiVisi Intermedia</i> <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</i>	2025
Islamic Education Management – <i>Yayasan Sahabat Quran</i> <ul style="list-style-type: none">Student registration, class scheduling, academic planning, performance analytics	2024

<ul style="list-style-type: none"> • <i>Spring Boot, PostgreSQL, Thymeleaf, Bootstrap</i> 	
Sharia Insurance Onboarding – <i>Client Undisclosed</i> <ul style="list-style-type: none"> • New customer registration, underwriting, payment integration • <i>Java, Spring, Microservice, SOAP</i> 	2023
Seaport Management System – <i>Pelabuhan Tiga Bersaudara</i> <ul style="list-style-type: none"> • Pilotage Management, Integration with Kemenhub App, Integration with Bank Payment • <i>Java, Spring, Microservice, SOAP</i> 	2022
Virtual Account Integration – <i>STEI Tazkia</i> <ul style="list-style-type: none"> • Integrating automated virtual account payment from 3 banks (BSM, BNI, CIMB) • <i>Java, Spring, Microservice, REST, SOAP</i> 	2018
Academic Information System – <i>STEI Tazkia</i> <ul style="list-style-type: none"> • Students Enrollment, Tuition Fee Payment, Academic Administration, HR, etc • <i>Java, Spring, Microservice, OAuth</i> 	2017
Payment Switching System – <i>ArtiVisi Intermedia</i> <ul style="list-style-type: none"> • Switching application connecting and intermediating among multiple payment endpoint • <i>Java, ISO-8583</i> 	2013
Payment Gateway System – <i>ArtiVisi Intermedia</i> <ul style="list-style-type: none"> • Front office and back office application for billing payment outlet • <i>HTML, JavaScript, Java, ISO-8583</i> 	2011
EDC Server – <i>G4S Euronet</i> <ul style="list-style-type: none"> • Server application for managing multiple EDC devices • <i>Java, ISO-8583</i> 	2010
ATM Integration – <i>Bank Windu Kencana Indonesia</i> <ul style="list-style-type: none"> • Connecting between core banking application and ATM BCA network • <i>Java, Spring Framework, Hibernate, ISO-8583</i> 	2008
Education	
Institut Agama Islam Tazkia <i>Islamic Economy</i>	2020 <i>Bogor</i>
STT Telkom <i>Teknik Industri</i>	1997–2001 <i>Bandung</i>