Mochamad Farchan Ardiatama

Digital Transformation | Fullstack Developer

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SUMMARY

Tech-savvy IT professional with 4+ years of experience, including 3 years at Deloitte as a Senior Associate. Specialized in .NET, Angular, SQL, Azure, and RPA, delivering secure, scalable solutions across enterprise systems and process automation. Experienced in integrating RPA with traditional development to boost efficiency, streamline workflows, and create measurable business value.

EXPERIENCE

Senior Associate Digital Transformation
Deloitte Touche Solutions - Tax & Legal ↗

11/2022 - Present

At Deloitte, I contributed to the design, development, and modernization of enterprise-grade applications and automation solutions, leveraging .NET, Angular, Blazor, SQL, Microsoft Azure, and Robotic Process Automation (RPA). My work focused on streamlining business processes, enhancing system reliability, and integrating digital solutions to deliver measurable business value.

I was involved in projects across tax automation, data transformation, and system integration, combining traditional development with RPA to automate workflows, improve accuracy, and reduce operational costs. These initiatives not only optimized performance and maintainability but also ensured compliance, security, and scalability in complex enterprise environments.

Key Features & Contributions:

- Enterprise Applications: Developed and modernized business-critical systems using .NET, Angular, and Blazor within Azure environments.
- Process Automation: Implemented RPA solutions integrated with traditional development, reducing manual effort and increasing efficiency.
- System Integration: Enhanced connectivity with platforms like CoreTax and GlobalAdvantage through XML and REST APIs.
- Performance & Security: Upgraded frameworks and dependencies to the latest versions, strengthening security, scalability, and maintainability.
- Business Impact: Delivered automation and optimization initiatives that generated significant cost savings (USD 98,233 total) while boosting productivity and accuracy.

Full Stack Developer
PT Pertamina Lubricants - Intern ↗

10/2021 - 11/2022

Smart Information Display (SID 4.0), A Laboratory Information Management System (LIMS) was developed for the Quality Assurance Production Unit Cilacap (PUC). It includes custom notifications for each process, specification conformity checks, traceable records, multilevel authorization and verification, and automatically generated reports. A kinematic viscosity calculator for lubricant blends, based on ASTM D7152, is also included, with integration to the production process.

The Smart Information Display (SID) is a JavaScript web application. React.js and Material UI are used for the frontend, and MySQL, Prisma ORM, and Express JS are used for the backend, with database connections through RESTful APIs.

Key Features:

- SID was integrated with Pertamina's SiAP (Sistem Administrasi Pertamina).
- IoT was implemented for energy efficiency.
- "Blendic" predicts kinematic viscosity changes due to raw material variations.

This system enhances laboratory management and integrates with administrative and production systems for improved efficiency and accuracy.

Mobile Application Developer   02/2021 - 04/2021
mTeleMedis - Freelance

- Create Telemedia mobile apps for patients and doctors to communicate.
- Using modern encryption in real-time communication.

Mobile Application Developer   08/2020 - 11/2020
PT TASPEN (Persero) - Freelance

- Developed authorized mobile application to facilitate data management for retired customers by verifying active retired customers.

Mobile Application Developer   01/2020 - 03/2020
Badan Penanggulangan Bencana Daerah Semarang - Internship

- Create a mobile application that internal employees can use to submit complaints about work facilities in each division.

Computer Lab Assistant   09/2019 - 05/2020
Computer Laboratory - Dian Nuswantoro University

- Assisting lecturers in providing training.
- Direct practice of programming languages for students.

Mobile Application Developer   07/2019 - 01/2020
EasyNterior - Freelance

- Create business applications that connect clients and interior designers.
- Create a chat module that allows for real-time communication.

Fintech Hackathon   04/2019 - 04/2019
Ministry of Research, Technology and Higher Education Indonesia.

- Top 10 Fintech Hackathon finalists
- Create financial monitoring mobile apps for personal finance management

Network Technician   12/2018 - 12/2018
PT. Sinergy Informasi Pratama - Freelance

- Managed two locations at PT. Bank Tabungan Negara in Magelang and Yogyakarta.
- Migrated networks, including Cisco routers and switches, to new devices.

E D U C A T I O N

Informatics Engineering   2021
Dian Nuswantoro University - Bachelor Degree

- Cumlaude, Graduated with a GPA of 3.87