

To:
Human Resources Department
PT Toyota Motor Manufacturing Indonesia
Jl. Laksamana Yos Sudarso, Sunter II Jakarta 14330

Surakarta, Jan 22, 2025

Subject:
Internship Application for the Smart and Connected Manufacturing System Division

Dear Sir/Madam,

I am writing to apply for an internship position in the Smart and Connected Manufacturing System Division at PT Toyota Motor Manufacturing Indonesia. As a Mechatronics student at Politeknik ATMI Surakarta, I have a deep interest in the application of smart technologies in modern manufacturing processes.

Name: Reno Mardiputra

Place, Date of Birth: Surakarta, October 13, 2003

Gender: Male

Education: Mechatronics Student, Polytechnic ATMI Surakarta

Address: Jl. Sejahtera, Dusun III, Makamhaji, Kec. Kartasura, Kabupaten Sukoharjo, Jawa Tengah 57161

Phone/Email: +6289649191026/ reno.mardiputra@gmail.com

Throughout my studies, I have undertaken relevant projects such as the AI-Water Generator System. This project has enhanced my understanding of IoT technology, data analytics, and the integration of digital systems in manufacturing industries.

For your consideration, I have attached the following documents:

1. Curriculum Vitae
2. Academic Transcript
3. Project Portfolio

I am eager to contribute to the technological innovations applied by PT Toyota Motor Manufacturing Indonesia and gain valuable experience in a professional work environment. I greatly appreciate your attention, and the opportunity provided. Thank you for your consideration.

Sincerely,

Reno Mardiputra

Reno Mardiputra

Polytechnic ATMI Surakarta

✉ reno.mardiputra@gmail.com

in linkedin.com/in/reno-mardiputra

📍 Kota Surakarta, Jawa Tengah, Indonesia

Qualification Profile

A Mechatronics student with a focus on the development of smart manufacturing technology, automation, and data analytics. Possesses a deep understanding of integrating modern technologies, such as the Internet of Things (IoT), data-driven manufacturing systems, and the development of efficient production processes. Committed to contributing to technological innovation through the implementation of intelligent systems in industrial environments.

Additional Qualifications:

- *Analytical and Problem-Solving Skills:*
Ability to analyze system requirements, design innovative solutions, and address technical challenges with a data-driven approach.
- *Technology Proficiency:*
Experienced in using tools such as SolidWorks, including the Electrical module, to design and model manufacturing systems. Proficient in programming languages like Python for data analysis and automation.
- *Understanding of Manufacturing Systems:*
In-depth knowledge of smart manufacturing principles and automation, as well as the application of IoT technologies for optimizing data-driven production processes.

Education

Bachelor of Engineering
Polytechnic ATMI Surakarta
August 2022 – Present
GPA: 3,58

Relevant Coursework:

- Machine Learning
- Desain System Mechatronics
- Control Engineering
- Database System
- Programming
- CNC Maintenance
- PLC SCADA

Organizational Experience

Deputy Head of Ticketing - IT ATMI CUP 2025 • Polytechnic ATMI Surakarta

Worked as a Field Coordinator, handling both offline and online ticket purchases, managing volunteers and the ticketing committee, as well as overseeing the website and handling customer service complaints.

Maret 2024 - Present

Committee Member of Program Orientation •

Polytechnic ATMI Surakarta

- Guided new students in understanding the learning structure and academic system at ATMI.
- Assisted in organizing and conducting orientation sessions to ensure a smooth transition for freshmen.

Juli 2024 - Agustus 2024

Member of HMPS - Student Association Mechatronics Program •

Polytechnic ATMI Surakarta

Creative Division

- Worked as a documentation officer for events and meetings, collaborating with the documentation team.

Agustus 2022 - Agustus 2023

Committee Member Robotic ATMI CUP 2023 •

Polytechnic ATMI Surakarta

- Directed robotic competition participants and assisted in the smooth running of the ATMI CUP event.
- Collaborated with other team members to ensure the success of the event.

Juni 2023 - Juni 2023

CERTIFICATION

SOLIDWORKS Electrical Design Associate
Jun 2021

Skills

- Programming: Python, C/C++/C#, HTML, CSS, JAVASCRIPT, PHP, MySQL
- Machine Learning: YOLO, RoboFlow
- Mechatronics Design: AutoCAD, SolidWorks, SolidWorks Electrical
- Electronics: Microprocessors, Arduino, ESP8266, ESP32
- Microsoft Office: Word, Excel, PowerPoint
- Soft Skill: Teamwork, Project Management, Problem Solving

Languages

- Bahasa - Native
- English - Professional
- Vietnam - Beginner

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