

Hardware Engineering Talent Day

Meet the **Engineers** Behind Precision Automation!

Roles We're Hiring For:

- Junior Electronics Engineer
- Design & Manufacture Engineer
- Robotics Engineer
- System Integration Engineer
- Process Engineer
- Manufacturing Process Engineer
- Injection Molding Process Engineer



Event Highlights:

- Discover how Formulatrix engineers build **high-precision robotic automation systems used in life science laboratories worldwide.**
- Engage directly with Formulatrix engineers through technical discussions and gain **insight into real engineering challenges** in a global R&D environment.
- Visit our Salatiga site to **experience the workplace, meet the team, and explore the engineering culture** behind our innovation.



FILL OUT THE FORM TO REGISTER

bit.ly/FormulatrixHardware



Limited seats! Only shortlisted candidates will be invited.

Deadline:
April 19, 2026, 11:59 PM

Event information

Hardware Engineering Talent Day is on-site hiring event in Formulatrix Indonesia office in Salatiga for Mechanical, Process, and Electronics Engineering position.

By joining this event, you'll have the chance to interact directly with Formulatrix engineers, work through real case studies, and get a closer look at how our R&D process runs—from design to manufacturing—all within one day.

With a limited number of invitations and a streamlined process, the experience is designed to keep discussions focused, create meaningful technical conversations, and move the hiring process forward more quickly.

Hiring Timeline

March 12, 2026

Registration Opens

Submit your application. We will review your **CV and sample design**. Selected candidates will proceed to an **online HR interview**.

April 19, 2026

Registration Closes

Last day to submit your application.

April 20–22, 2026

Invitation Period

Candidates who pass the online HR interview will receive an **official event invitation via email**.

Onsite Recruitment Day



April 25–26, 2026

Invitation-only event.

Selected candidates will be assigned to one batch only: Batch 1 – April 25 or Batch 2 – April 26. Your schedule will be shared in the invitation email.



Formulatrix New Building
Salatiga. Central Java



Formulatrix does not charge any fees at any stage of the recruitment process



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Formulatrix Indonesia

Electronics Engineering Division is Hiring
2 POSITIONS

Junior Electronics Engineer

 **Placement: Salatiga, Central Java**

Junior Electronics Engineer will responsible to designing, inspecting, testing, and improving electronic systems, components, equipment, and software.

Educational Qualification

Minimum of Bachelor's Degree (S1/D4) or Master's Degree (S2) in Electrical, Electronic, Mechatronic, Electromechanical Engineering, Physic/Instrumentation or related fields, with a strong focus on electronics and embedded system design (fresh graduate are welcome to apply).

Experience

Have substantial project experience or have gained practical experience independently, beyond academic assignments (previous industry experience is a plus).

Technical Skills

- Strong knowledge of both analog and digital electronics.
- Practical experience in creating electronic prototypes.
- Ready to lead or mentor other team members.
- Strong skills in PCB design, Electronic Manufacturing Services (EMS), motion control, and embedded systems are a plus.
- No color vision deficiency.
- Good communication skills in English, both oral and written.

Soft Skills

- Effective communication and teamwork skills to collaborate with cross-functional teams.
- Ability to multi-task and re-prioritize as necessary.
- Excellent problem-solving, critical thinking and analytical skills.



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Mechanical Engineering Division is Hiring

More than **10 POSITIONS**

Design & Manufacture Engineer

 **Placement: Salatiga or Semarang, Central Java**

Design & Manufacture Engineer will responsible for conducting research, design and develop innovative product concepts from idea to manufacturing readiness.

Educational Qualification

Minimum Diploma (D3/D4) in Mechanical Engineering/ Mechatronics (fresh graduate are welcome to apply).

Experience

- Has experience in mechanical design and manufacturing (machining and fabrication).
- Has experience in mechanism design, automation, or special purpose machines.
- DFMEA/PFMEA, design improvement, trials, and root cause analysis.

Technical Skills

- Strong mechanical knowledge in kinematics, precision & moving assemblies, and small mechanisms/ SPM.
- Have the ability of using CAD/ CAM (SolidWorks or Onshape is a plus).
- Have the ability of operating CNC machine.
- Good communication skills in English, both oral and written.

Soft Skills

- Excellent problem-solving, critical thinking, and analytical skills.
- Effective communication and teamwork skills to collaborate with cross-functional teams.
- Ability to work independently and manage multiple projects simultaneously.

Mechanical Engineering Division is Hiring

4 POSITIONS

Robotics Engineer

 **Placement: Salatiga or Semarang, Central Java**

Robotics Engineer will responsible for designing and implementing complex automation and robotic systems, including system architecture, rapid prototyping, testing, and data analysis.

Educational Qualification

Minimum Diploma (D3/D4) in Mechanical, Mechatronics, Electronics, or related field (fresh graduates are welcome to apply).

Experience

- Build fully automation/robotics projects (academic or professional).
- Use microcontroller (Arduino, Raspberry, Wireless control, etc.) and it's component including motor, sensors, control system, etc.
- Use Software & Algorithm (Python, C++, C#)

Technical Skills

- Have a good knowledge on CAD/CAM (SolidWorks or Onshape is a plus)
- Have a good knowledge on CNC machine
- Strong mechanical foundation & knowledge of high-precision robotics.
- Good communication skills in English, both oral and written.

Soft Skills

- Excellent problem-solving, critical thinking, and analytical skills.
- Effective communication and teamwork skills to collaborate with cross-functional teams.
- Ability to work independently and manage multiple projects simultaneously.



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Mechanical Engineering Division is Hiring

2 POSITIONS

System Integration Engineer

 **Placement: Salatiga, Central Java**

System Integration Engineer will responsible for developing and executing UAT, FAT, and SAT testing to create comprehensive and well-structured test plans and test cases.

Educational Qualification

Minimum Diploma (D3/D4) in Mechanical, Mechatronics, Electronics, or related field (fresh graduates are welcome to apply).

Experience

- Experience in hardware and software testing for robotic instruments.
- Experience in Vision Systems, PID Control, Motion Control, Python, and robotics.

Technical Skills

- Good understanding of mechanical systems (mechanical knowledge is a plus).
- Familiar with UAT, FAT, SAT, or similar testing methods.
- Good communication skills in English, both oral and written.
- No color vision deficiency

Soft Skills

- Passionate to learn new skills and the most recent technologies
- Excellent problem-solving, critical thinking, and analytical skills.
- Effective communication and teamwork skills to collaborate with cross-functional teams.
- Ability to work independently and manage multiple projects simultaneously.



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Process Engineering Division is Hiring

3 POSITIONS

Process Engineer

 **Placement: Salatiga or Semarang, Central Java**

Process Engineer will responsible for developing and optimizing industrial processes from concept to mass production.

Educational Qualification

Minimum Diploma (D3/D4) in Mechanical Engineering, Industrial Engineering or related field.

Experience

Experience in process simulations and various manufacturing systems and improvements such as Kaizen, lean manufacturing, PFMEA, and PDCA.

Technical Skills

- Have an understanding of new product development process.
- Have the ability to analyze statistical data.
- Have the ability to use CAD/CAM (Solidwork or OnShape is a plus).
- Have knowledge of process-related standards and health-safety regulations.
- Have a working knowledge of using process engineering software.
- Good communication skills in English, both oral and written.

Soft Skills

- Excellent problem-solving, critical thinking, and analytical skills.
- Effective communication and teamwork skills to collaborate with cross-functional teams.



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Process Engineering Division is Hiring

1 POSITION

Manufacturing Process Engineer

 **Placement: Salatiga or Semarang, Central Java**

Manufacturing Process Engineer will responsible for developing and optimizing manufacturing and CNC machining processes to produce high-quality machined parts.

Educational Qualification

Minimum Diploma (D3/D4) in Mechanical Engineering, Industrial Engineering or related field.

Experience

Have experience operating CNC machines (milling, lathe, laser, bending).

Technical Skills

- Understand/be able to interpret 2D drawings for manufacturing needs.
- Proficient in CAM and CAD software.
- Understand the selection and application of cutting tools (cutting parameters).
- Able to develop jigs/fixtures for machining process needs.
- Good communication skills in English, both oral and written.

Soft Skills

- Excellent problem-solving, critical thinking, and analytical skills.
- Effective communication and teamwork skills to collaborate with cross-functional teams.

Process Engineering Division is Hiring

1 POSITION

Injection Molding Process Engineer

 **Placement: Salatiga or Semarang, Central Java**

Injection Molding Process Engineer will responsible to optimize injection molding processes and support mold handovers to production readiness using scientific molding and mold flow analysis.

Educational Qualification

Minimum Diploma (D3/D4) in Mechanical Engineering, Industrial Engineering, or a related field.

Experience

Experience in Injection Molding (mold processes, mold systems, mold flow analysis, etc.).

Technical Skills

- Understanding of health and safety standards.
- Ability to analyze statistical data.
- Proficient in CAM and CAD software.
- Good communication skills in English, both oral and written.

Soft Skills

- Excellent problem-solving, critical thinking, and analytical skills.
- Effective communication and teamwork skills to collaborate with cross-functional teams.
- Ability to work independently and manage multiple projects simultaneously.



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