




Ahmad Fadhil Nugraha

Process Production Engineer

+62 87777971710 / +62 8567866785 

ahmadfadhilnugraha@gmail.com 

Pesona Depok 2 Blok AJ No. 11, Depok,
West Java, Indonesia, 16411 

Personal Profile

Results-driven mechanical engineer with 2 years experience as a process production engineer in the manufacturing industry. Skilled in optimizing manufacturing processes, defect root cause analysis, and increasing overall productivity. Proficient in CAD software and experienced in designing and modifying mechanical components. Passionate about innovation and committed to driving business outcomes.

Work Experience

Production Engineer

2021 – Present

PT. Epson Indonesia Industry | Bekasi City, West Java, Indonesia

- Process production engineer with a focus on print head assembly production.
- Proficient in creating assembly layouts, developing working instruction, and conducting defect analysis.
- Known for optimizing process productivity and achieving measurable improvements.
- Experienced in working in clean room environments.
- Delivering high-quality results and continuously enhancing manufacturing processes.

Building Consultant Intern

2019

Lemtek FTUI | Central Jakarta City, Jakarta, Indonesia

- Building consultant intern at Lembaga Teknologi FTUI, where I completed a 4-month internship.
- Proven expertise in analyzing power distribution systems and HVAC systems with the context of the Integrated Teaching Laboratory FTUI building project.
- Proficient in monitoring mechanical, electrical, and plumbing plans, ensuring alignment with project progress.
- Known for meticulous attention to detail and effective communication skills, fostering collaboration with project teams.

Education

Data Science

2023 – Present

Practicum Indonesia | South Jakarta City, Jakarta, Indonesia

- Proficient in various data analysis techniques, statistical modeling, and machine learning algorithms.
- Skilled in programming languages such as Python and SQL, with experience in data manipulation, cleansing, and visualization.
- Strong understanding of mathematical concepts and statistical methods used in data analysis.
- Demonstrated ability to work with large datasets, extract meaningful insights, and present findings in a clear and concise manner.
- Making business decisions based on data.

Bachelor of Engineering

2016 – 2021

University of Indonesia | Depok City, West Java, Indonesia

- Majoring in mechanical engineering
- Specialized in energy conversion
- Graduated with 3.18 GPA and a thesis title "Simulation Influence of Compressor 3 Pressure and Cyclone Pressure on Specific Energy Consumption and Cooling Heat In Renewable Desalination"

Achievement & Organization

- Speaker in The 5th International Tropical Renewable Energy Conference
- Vice Chairman of UKOR Tennis University of Indonesia 2019
- Commissioner of University of Indonesia Tennis Cup 2019
- Saxophonist, Pianist, and Song Writer in Pagelaran Seni FTUI 2017–2019
- Head of Department for Equipment in UKOR Tennis University of Indonesia 2017–2018
- Deputy Head of Division for Security, Cleanliness, and Discipline in UI Ethnovaganza 2018
- Student Creation Staff in Mechanical Student Organization (IMM) FTUI 2017

Expertise

Microsoft Office
Autodesk Inventor
Autodesk Fusion 360
Python
SQL

