

Iman Maris

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About Me

As a seasoned Junior Software Engineer with a background in mechanical engineering and over 5.5 years of experience in the Japanese automotive manufacturing industry, I have honed my skills in production time management, problem-solving, and teamwork. This experience has provided a strong foundation for my current role. Through the RevoU Fullstack Software Engineering program, I have gained proficiency in Python, GIT, API, and MySQL. These technical skills, combined with my problem-solving and teamwork abilities, enable me to make valuable contributions and continue to grow. I am ready to take on new challenges as a Backend Engineer and am excited to develop efficient and robust software solutions for business success.

Project Experiences

RevoU

April, 2024 – May, 2024 (2.5 Week)

Back-End Software Engineer

[Github Repo](#) | [API Documentation](#)

- Worked efficiently on the backend flow using Figma as an illustration of the UI display design, making it easier to design APIs
- Utilized analytical skills to identify areas for improvement in the backend flow
- Collaborated with a team to implement changes and improve efficiency
- Utilized technical skills to design and implement APIs
- Successfully deployed and managed backend services using Vercel and Aiven for efficient operations.

Self Project

November, 2023 – November, 2023 (1.5 Week)

Front-End Software Engineer

[Github Repo](#) | [Custom Domain](#)

- Created and maintained an online store for the business while introducing and educating visitors on mechanical engineering principles.
- Introduced and disseminated knowledge from mechanical engineering to the public.
- Incorporated dark mode and responsive design for enhanced user comfort.
- Successfully deployed using Netlify with custom domain configuration from Niagahoster.

Education Experience

RevoU

October, 2023 – May, 2024

Associate's Degree, Full-stack Software Engineer Programs

91,47/100

Utilized Flask (Python) and Poetry for backend development. Used React.js, HTML, CSS, and JavaScript for frontend development. Managed data storage using PostgreSQL and MySQL databases, and ensured web security through HTTPS.

Universitas Mercubuana

September, 2020 – August, 2022

Conversion Energy

3.43/4.0

Sarjana Teknik Mesin

Penerapan Metode FFT dan STFT dalam Mendiagnosis Kerusakan ID Fan 131 KW 1485 RPM Transmisi Coupling dengan Sinyal Getaran

Universitas Gadjah Mada

September, 2013 – October, 2016

Manufacture

3.47/4.0

Diploma Teknik Mesin

Analisa Kebutuhan Energi pada Proses Pengeringan Cengkeh Kapasitas 15kg dengan Bahan Bakar LPG

Working Experience

PT. Kebon Agung, PG. Trangkil Plant

April, 2023 – May, 2023

Operator Boiler

- Implemented regular maintenance to prevent problems with the boiler
- Collaborated with the team to implement improvements to breakdowns
- Monitored pressure, temperature, water level, and feedwater flow, and regulated the fuel and air systems. The aim was to ensure efficient and safe performance, prevent damage, and maintain optimal combustion and operational safety.
- Submitted work reports, work results, and monitoring data for all boiler operations to ensure accurate documentation, facilitate performance analysis, and support maintenance and safety audits.

PT. Meiwa Mold Indonesia

January, 2019 – January, 2023

Production Engineering

- Operated three 5-axis CNC machines with different types and interfaces, maximizing working time
- Conducted regular machine maintenance to ensure optimal performance, prevent breakdowns, and extend the lifespan of equipment
- Determined the appropriate tools and machining processes to ensure precision, efficiency, and quality in production
- Efficiently trained new employees by documenting and making videos of standard work procedures on CNC machines
- Utilized skills using hyper mill software to repair materials (small) repair after QC
- Collaborated with a team to ensure the efficient operation of the production line

PT. Mitsuba Indonesia

August, 2017 – August, 2018

Product Quality Control

- Developed a working method with the addition of 1 step of checking and changing the die punch model, the result is that not good goods can decrease by 10%
- Utilized technical skills (metrology) for data collection needs for analysis
- Collaborated with a team to implement changes and improve efficiency
- Utilized analytical skills to identify areas for improvement in the production process

PT. GS Battery Indonesia

January, 2016 – May, 2016

Assembly

- Carried out machine maintenance and developed and implemented a vacuum cell retrieval system, the result was that +- 70% of the cell arrangement was according to the procedure
- Utilized problem-solving skills to troubleshoot and resolve issues with the vacuum cell retrieval system
- Collaborated with a team to ensure the efficient operation of the assembly line
- Utilized technical skills to maintain and repair assembly line machinery

Organization Experience

Muslim family PT. Mitsuba Indonesia

January, 2018 – August, 2018

Member

- Participated in making the event a success
- Helped prepare mosque events at the company
- Helped distribute social assistance to orphanages in the Tangerang area
- Organizing social activities such as social service, visits to orphanages, or community service activities

Families of Pati Area Students

November, 2013 – October, 2016

Member

- Participated in making the event a success
- Outreach to introduce the university to senior high schools in the Pati area
- Provides important information such as housing, cost of living, and transportation
- Organizing social activities such as social service, visits to orphanages, or community service activities

Member

- Participated in making the event a success
- Socialization to introduce the university to juniors
- Learned to create a series of line followers for competition purposes
- Actively participate in mechatronics training sessions, workshops, and seminars

Mechanical Engineering Muslim family**January, 2014 – January, 2015****Deputy Head of Internal Department**

- Prepared a permission letter to use a room within the department
- Prepared invitation letters to invite event participants within the department
- Participated in making the event a success
- Collaborated with all departments to prepare their respective tasks

Additional Information

Technical Skills:

- Programming Languages: Python, JavaScript
- Frontend Framework: Next.js, React.js
- Backend Framework: Flask
- Dependency Management: Poetry
- Database Management: MySQL, PostgreSQL
- Cloud Services / Infrastructure: Railway, Vercel, Aiven
- Version Control System: Git
- Software Development Tool: Postman

Soft Skills: Discipline, Collaboration, Teamwork, Analytical skills, Enjoy Learning**Certification:**

1. [Full Stack Software Engineering](#), Issued by RevoU Course
2. [Certificate of Competence](#) (Assessor of Competency), Issued by BNSP
3. [Intro to Software Engineering Title](#), Issued by RevoU Course
4. [Solidwork Training Fabrication Drawing](#), Issued by Kompuna Yogyakarta

June 2024
July 2023
March 2023
September 2018