Norfatin Hazirah Mohd Idris

ASPIRING UX / PRODUCT DESIGNER | MECHANICAL ENGINEERING GRADUATE

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Career Objective

Mechanical Engineering graduate transitioning into UX design, bringing strong problem-solving, systems thinking, and user-focused design. Skilled in design software, documentation, and visual analysis from hands-on engineering and academic projects. Currently upskilling through the K-Youth UX Design Programme by TalentLabs, gaining hands-on skills in Figma, prototyping, and user research, seeking UX or Product Designer roles where I can contribute to intuitive digital solutions and collaborative, cross-functional teams.

Education

TalentLabs K-Youth Development Programme, UX Design   **Aug 2025 - Present**

- Hands-on training in UX principles, Figma prototyping, and user research techniques.
- Built responsive UI concepts with HTML, CSS, and Bootstrap.
- Applied design insights using Google Analytics and Tableau.

Universiti Teknologi Malaysia (MJIIT), Bachelor in Mechanical Precision Engineering   **Mar 2025**

- **Final Year Project:** *Underwater Colour Correction for Enhanced Object Detection* – Developed and determined algorithms improve underwater image accuracy for object detection.
- CGPA : 3.12/4.00

Politeknik Ibrahim Sultan, Diploma in Mechanical Engineering   **Jan 2021**

- **Final Year Project:** *Escalera Estable* – Designed an ergonomic ladder with levelling and safety features for use on edges and uneven surfaces.
- CGPA : 3.75/4.00

Experience

VS Industry Sdn. Bhd | Quality Engineering Intern   **Jul 2024 – Oct 2024**

- Performed over 150+ product inspections with visual and dimensional evaluation, enhancing attention to detail and user-centric quality standards.
- Documented quality outcomes in Microsoft Dynamics SL with 99% data accuracy — aligning with real-world user data tracking, enabling traceable insights for engineers and decision-makers.
- Collaborated with cross-functional teams to support ISO 9001:2015 systems, emphasising design clarity and consistency.

Texas Instruments Electronics Malaysia | Technician Intern   **Mar 2021 – Jul 2021**

- Conducted daily maintenance on 40+ machines, reducing downtime by 20% and ensuring consistent operator experience.
- Installed and aligned 15+ machines for new packages by interpreting visual diagrams and conducting precise component setups, improving ease-of-use for operators and production efficiency by 15%.
- Proposed layout improvements after observing technician challenges, streamlining workflow and reducing navigation errors.

Skills

UX & Design Skills : Figma, Wireframing, Prototyping, Design Thinking & Documentation, Visual Analysis, Systematic Problem Solving, User Research.

Technical Skills : C++, Python, Data Analysis, Image Processing (CycleGAN), Mechanical Design, Manufacturing Processes, Quality Control, GD&T, Lean Six Sigma.

Tools & Software : AutoCAD, Fusion 360, Autodesk Inventor, CAM (Computer-Aided Manufacturing), Microsoft Dynamics SL, Microsoft Office.