



DAVID CARLOS XAVERIUS PARDEDE

MECHANICAL ENGINEER

PROFILE

I am an electric motorcycle engineer in Indonesia, who loves learning and challenging myself a lot. I am adept in using Computer-Aided Design software, such as SolidWorks, and understand the basics of FEA and able to operate Ansys. I also possess great communication skills and leadership, which makes me ideal for teamwork and collaboration. I am fluent in speaking English, and in using basic Microsoft Office software efficiently. I am also interested in several other fields, such as data analysis, website and software development, and writing. I spent my free time developing those skills by using the appropriate and top-demanded software.

CONTACT

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INTERESTS

Aeronautics, Astronautics, and Aviation
Engineering and Science
Data Science and Analytics
Efficient and Clean Energy
Writing
Human Resource Management

EDUCATION

Bandung Institute of Technology

August 2018 – April 2023

I am a fresh graduate from Aerospace Engineering major. I conducted research of star tracker of satellite system for my thesis, which involves hard programming and data analysis. I was actively engaged in organizational activities and became lecturers' assistant in some courses.

WORK EXPERIENCE

PT VKTR Teknologi Mobilitas – Mechanical Engineer

January 2023 – Present

PT VKTR Teknologi Mobilitas is an electric-vehicle-manufacturing company, where I am currently working as mechanical engineer for electric motorcycles. I did visual designs, conducted internet-based research, written patent documents for the product, and designed the frame for racing-type motorcycles.

PT Dirgantara Indonesia – Engineering Intern

October 2021 – January 2022

PT Dirgantara is Indonesia's main aircraft manufacturer, in which I learned and analyze the performance of an amphibious aircraft during take-off phase. Besides engineering knowledge and skills, I also improved my data processing and analysis skills through numerous tests and experiments.

Badan Riset dan Inovasi Nasional (BRIN) – Engineering Intern

July 2021 – October 2021

BRIN is one of the top research companies in Indonesia, and I learned about the effect of bird strikes on aircraft empennage using LS-DYNA, from which my design, critical thinking, and data analysis skills are developed.

SKILLS

