

MOHD AFIQ AZIZI BIN AJMAN



Address: Petaling Jaya 47830, Selangor

Mobile Phone: +60139255591

Email: afiqazizi26@gmail.com

LinkedIn: linkedin.com/in/mafiqaziziajman/

A dedicated Aerospace Engineering graduate with a robust background in design projects and calculations. Proficient in Draftsight, Catia v5, ANSYS, and OpenFOAM, bringing a strong skill set and the ability to work as a team. *Ready to make a swift and meaningful contribution to your team!*

WORK EXPERIENCE

FEBRUARY, 2024 - PRESENT

DESIGN ENGINEER PROTÉGÉ (AVIONICS & STRUCTURE), AIRBUS HELICOPTERS

MALAYSIA

SUBANG, SELANGOR

- Responsible for the full lifecycle of an assigned design work: conceptual, preliminary, detailed, compliance/certification and industrialization.
- Involved in both structural and avionics design modification for Airbus Helicopter EC130 T2 and EC175 B.
- Performed detailed design using Draftsight (avionics) and Catia v5 (structure) software for ATA Chapter 11 and 25 in accordance with specified design requirements.
- Performed detailed design drafting with exact dimensioning, views, instructions and necessary notes.
- Performed and involved in Bill of Material (BOM) amendment and conformity checks for fabricated parts.
- Accomplishment:
 - Completed Electrical Load Analysis for EC175 B.
 - Completed design modification package for EC130 T2 which is a collaboration project with Airbus Helicopter Japan.
 - Completed painting scheme drawing for Drukair Royal Bhutan Airline EC130 T2 project.

JULY, 2022 – OCTOBER, 2022

INTERNSHIP, COMBAT ADVANCE MEDITECH SDN. BHD

WILAYAH PERSEKUTUAN PUTRAJAYA

- Responsible for the design of a newly developed x-ray film stand.
- Developed conceptual, preliminary and detailed design of the product.
- Developed stress calculation Excel Sheet to analyze stresses on the structure.
- Involved in presentation of the x-ray film stand design with collaborators from Kolej Kemahiran Tinggi Mara (KKTM).
- Involved in an exhibition at Kuala Lumpur Convention Centre for industrialization projects.

continued....

ACHIEVEMENT

- Dean's list in 7th and 8th semester. (2022, 2023)
- Silver Medalist for Badminton Sports, Aerolympic. (2022)
- Silver Medalist for Frisbee Sports Competition, UPM Games. (2022)
- Bronze Award for Acting Competition, Inter-College Acting Competition. (2021)
- Gold Medalist for Cricket, SQL level boarding school cricket tournament (2016)

SKILLS

- **Soft Skills:**
Strong communication, Proactive approach, Problem solving, Teamwork, Time management, Attention to detail, independent work ethics, Networking and Safety cautious.
- **Administrative Skills:**
Report and Document preparation, File and record management.
- **Technical Skills:**
 - o Computer-aided Drawing (CAD): Draftsight, Catia v5, AutoCAD
 - o Computational Fluid Dynamics (CFD): ANSYS, OpenFOAM, ABAQUS
 - o Programming: NI LabVIEW, MATLAB, C++
 - o Manufacturing: Hand-layup, 3D printing, CNC Machining, Milling
 - o Documentation: Microsoft Office, Google Suites, Nuance Power PDF, Minitab
 - o Additional Software: AirbusWorld, Inkscape, Adobe Photoshop, Adobe Illustrator, Filmora
- **Languages:**
Native in Malay and Bilingual Proficiency English.

EDUCATION

SEPTEMBER, 2019 – JULY, 2023

BACHELOR OF AEROSPACE ENGINEERING (HONS).

Universiti Putra Malaysia

- Major in Aerospace Design and Control System
- CGPA: 3.25

AUGUST, 2018 – JUNE, 2019

FOUNDATION OF SCIENCE AND AGRICULTURE.

Universiti Putra Malaysia

- MUET: Band 3
- CGPA: 3.48