



Ahmad Aliff Haikal bin Waili

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EDUCATION

University Malaysia Sarawak

BEng (Hons), Mechanical and Manufacturing Engineering

November, 2022

Sarawak, Malaysia

- CGPA: 3.10
- President for Unimas eSports Club
- Managing and leading a team in collaboration with event organizers around Sarawak

SKILLS & LANGUAGES

Software: Microsoft Office/Word/PowerPoint/Excel, AutoCAD, Ansys Simulation (Structural and Fluent), EnergyPlus, SAP 770,

MATLAB, DesignBuilder

Languages: English; Malay

WORK EXPERIENCE

Empayar Setia Sdn Bhd

December 2024 – Present

Protégé (Junior Mechanical and Electrical Engineer)

Sarawak, Malaysia On-Site

- Generated precise and flawless documents, demonstrating strong proofreading and editing skills while ensuring consistency and clarity in all written materials.
- Gained exposure to project management tasks, including scheduling, progress tracking, and coordination with subcontractors.
- Monitored the quality of workmanship on-site, ensuring adherence to engineering standards and safety protocols.
- Contributed to the review of technical documentation, including reports, drawings, and specifications, for mechanical and electrical systems.
- Collaborated with cross-functional teams, including electrical and civil engineers, to ensure smooth integration of mechanical systems with other construction disciplines.
- Conducted site inspections to ensure mechanical components were installed according to plans, specifications, and safety regulations.

PETRONAS Carigali Sdn Bhd

July 2023 – July 2024

PROTÉGÉ-GEES (Clustered Maintenance, Planning and Execution)

Sarawak, Malaysia On-Site

- Supported inventory management efforts, ensuring the timely availability of necessary parts and materials for maintenance activities and minimizing project delays.
- Initiated and processed 8 Material Request Forms (MRFs) totaling RM423.73K, effectively managing the timely procurement of essential tools and materials.
- Supported the development and implementation of maintenance schedules for critical oil and gas assets, ensuring optimal operational performance and minimizing downtime.
- Assisted in coordinating and tracking planned and unplanned maintenance activities, liaising with various departments to ensure seamless execution and adherence to deadlines.
- Utilized maintenance management systems (e.g., SAP) to update and monitor work orders, track progress, and ensure proper documentation of all maintenance activities.
- Contributed to the preparation of maintenance plans and schedules, optimizing resource allocation and prioritizing tasks to align with operational requirements and business objectives.
- Collaborated with senior executives to support the development of long-term maintenance strategies, including predictive and preventive maintenance initiatives.
- Contributed to the preparation of reports and presentations for senior management, providing updates on key performance indicators (KPIs) and maintenance status.

REFERENCES

Available Upon Request