# NIK NURIN ALISA BINTI ZURIZALAZUAN

+60 19 475 0676 | nurinalisa98@gmail.com

## SKILLS

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|---|---|---|---|---|
| 1. MS Office | 2. C++ language | 3. SAP | 4. SolidWorks | 5. Phyton |
| 6. HTML | 7. JavaScript | 8. FIORI | 9. UI/UX Design | 10. CSS |
| 11. AzureML | 12. VS Studio | 13. Cognos | 14. Power BI | |

## QUALIFICATIONS SUMMARY

- Successfully completed all modules for **License Category A (Aircraft Maintenance)** under Civil Aviation Authority of Malaysia (CAAM), demonstrating compliance with national and international aviation standards.
- Extensive knowledge of aircraft engines, including **CFM56-5B**, **CFM56-7B**, **LEAP- 1A**, **LEAP-1B**, and **CF-34** models, with hands-on experience in inspection, maintenance, and disassembly.
- Strong understanding of **CAAM Regulations**, including adherence to safety, maintenance, and operational protocols for aircraft and aviation equipment.
- Familiarity with aviation regulations including **IATA** and **ICAO** standards, with a working knowledge of **Flight Information Regions (FIRs)** for toll calculation and route planning.

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## WORK EXPERIENCE

**Business Operations Support cum Engine Technician**

*G.E Engine Aerospace Sdn Bhd || Oct 2024- Present*

1. Generate and manage Service Order Equipment (SOE) for aircraft engines, ensuring accurate logging and traceability of all service activities.
2. Perform precise segregation of engine components based on part numbers to ensure accurate cataloging and inventory control.
3. Disassemble aircraft parts into piece parts using appropriate tools and ensure accurate routing to the correct gate for further inspection and quality checks.
4. Leverage SAP to execute and monitor engine data management, component tracking, and work order processing with high accuracy.
5. Provide technical assistance to maintenance teams in the disassembly, inspection, and reassembly of engine components.
6. Validate engine parts through coordination with approval holders, ensuring all components meet regulatory and compliance standards.
7. Perform detailed cleaning, inspection, and maintenance of CFM56-5B, CFM56- 7B, and LEAP-1B/2B engines, ensuring adherence to manufacturer and regulatory specifications.

**Router Technician Aircraft**

*G.E Engine Aerospace Sdn Bhd || May 2022- Oct 2024*

1. Utilized advanced IT tools to efficiently transfer critical documents, including shop routing instructions, into the OASIS SAP system, ensuring seamless integration and data accuracy and provide on-site support to engineers and technicians during the SAP Go- Live phase.
2. Liaised with engineers, technicians, and site function leaders to ensure task lists prepared are according to the site demands.
3. Decide the appropriate procedures and methods to be performed by mechanics or engineers for aircraft repairs, eliminating the need for them to review detailed manuals independently.
4. Involved in preparing repair task lists for CF34-8E/-8C and CF34-10E with guidance from the old master legacy data and engineers in Strother sites.
5. Extracted and consolidated multiple sets of master shop routing documents into a unified flow of instructions, ensuring compliance with engine shop manuals, site quality standards, and engineering technical requirements.
6. Conducted meticulous data cleansing activities to identify patterns and linkages, designing logic to prepare aircraft engine task lists for migration from legacy systems to the SAP format, as part of the SAP ERP implementation at the GE Aerospace US Site (Strother).
7. Managed the recording of inquiries related to engine components using data cleansing tools, ensuring comprehensive documentation and resolution of issues during the data migration process.

**Assistant Air Traffic Controller Internship Trainee**

*Civil Aviation Authority of Malaysia Penang || June 2019-September 2019*

- Entering aircraft movement data accurately into the system from flight progress strip that been used by assigned ATC, including departure and arrival times, SSR codes, and other relevant information.
- Ensured accurate entry of data like aircraft type, callsign, flight number and owner details in Aircraft Movement Sheet (AMS) and send inbound and outbound time into the system. The outbound time must be proceeded before the aircraft lands at the destination.
- Updating weather information in the CATIS system every half hour included parameters like wind speed and direction, visibility, temperature, dewpoint, and runway in use.
- Processing flight plans, including filing messages for departures, delays, changes, and cancellations by fax and Myaims (Malaysia Automated Aeronautical Information Systems).
- Handling NOTAMs to alert airmen of potential hazards along flight routes or at specific locations.
- Calculate tolls based on Flight Information Regions (FIRs) for private planes to ensure accurate fee estimation and compliance with international air navigation rules.

# LICENSES & CERTIFICATIONS

## Software Development on SAP HANA

### Credential ID RSMMNE2HRUYP || SkillUp EdTech

- Acquired in-depth knowledge of SAP S/4HANA's core functionalities, including real-time data processing, simplified data models, and improved user experiences through the SAP Fiori interface.
- Mastered the principles and methodologies of data modeling specific to SAP S/4HANA, including the creation and optimization of Core Data Services (CDS) views.
- Implemented advanced data modeling techniques to enhance data integration, reporting accuracy, and overall system performance.
- Gained comprehensive insight into various SAP S/4HANA deployment options, including on-premises, cloud, and hybrid models, assessing their suitability based on organizational needs.
- Applied best practices in SAP S/4HANA implementation methodologies, such as SAP Activate, to ensure efficient project execution, from planning and preparation through to deployment and post-go-live support.
- Articulated the strategic goals of these modules, such as financial consolidation, inventory optimization, sales process automation, and production efficiency, to align with overall business objectives.

## Python for Data Science, AI & Development Credential ID QVEDUHGYBRHT || IBM

- Applied advanced Python programming principles, including the use of variables, data structures (lists, dictionaries, sets, tuples), control flow mechanisms (branching, loops), and the development of modular code through functions and object-oriented programming (OOP) concepts.
- Demonstrated expertise in key Python libraries such as Pandas for data manipulation and analysis, and NumPy for numerical computing, enabling efficient handling of large datasets and complex mathematical operations.
- Utilized Jupyter Notebooks for interactive coding, data visualization, and seamless integration of code, text, and visualizations, enhancing collaborative data analysis and presentation.
- Developed and executed web scraping scripts using Python libraries such as Beautiful Soup and requests, to extract and process data from websites and APIs, facilitating data acquisition for analysis and research purposes.
- Implemented API integrations to access and retrieve data programmatically, ensuring efficient and automated data collection workflows.

# OTHER CERTIFICATES

1. **What is Data Science? || U9JGBKXUJBMD || IBM**

2. **Programming with JavaScript || KVHPEE7YR6N4 || Meta**

3. **Harnessing the Power of Data with Power BI || AZNQKRFI0TG9 || Microsoft**

4. **Excel Basics for Data Analysis || 58NKU1BJXI52 || IBM**

5. **Introduction to Data Analytics || MMTFZ7VBERCK || IBM**

6. **Preparing Data for Analysis with Microsoft Excel || SEI6G7HD9E0Z || Microsoft**

7. **Create Your First Phyton Program || CLLDMQUGLNZ7 || UST**

8. **Introduction to HTML5 || P2BZ59N2USNP || University of Michigan**

9. **Machine Learning Pipelines with Azure ML Studio || QWSDZ3V2BZL7 || Coursera**

10. **Develop Clustering Models with Azure ML Designer || QV3URJQ7FSB4 || Microsoft**

11. **Data Visualization and Dashboards with Excel and Cognos || 8J9ET1AZT9Z1 || IBM**

12. **Databases and SQL for Data Science with Python || NOZELZU91TOX || IBM**

13. **Python Project for Data Science || CUSIGGGUSQHZ || IBM**

# ACADEMIC SUMMARY

**Master in Education Management**
CGPA : 3.67
Inti International University & Colleges

**APR Aviation College**
Category A License

**Bachelor's degree in Aeronautical Engineering (Aircraft Maintenance) with honours**
Graduated on 2022
Universiti Tun Hussein Onn Malaysia, Johor || CGPA : 3.49

**Selangor Matriculation College**
Completed on April 1 2017 || CGPA : 3.41

**Sijil Pelajaran Malaysia (SPM)**
Graduated on 2015
Sekolah Menengah Kebangsaan Zon R(1) Wangsa Maju

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# REFERENCES

**Syafiqah Binti Basoeki**

Lead Data Engineer

GE Aerospace

Syafiqah.Basoeki@geaerospace.com

+60 17 - 219 5783

**Mohd Zamri Bin Zakaria**

Production Supervision Manager

GE Aerospace

zamri.zakaria@geaerospace.com

+60 17 – 211 6235