Muhammad Hariz Bin Roslan

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EXECUTIVE SUMMARY

- Having managed daily aircraft maintenance tasks, I pivoted to software engineering to pursue the dream of turning vision into realities. I seek full stack growth and the opportunity to value-add to organizations that embed empathy, diversity, inclusivity, and best practices in their culture. During my spare time, I read up about new tech tools or go for a run.

WORK EXPERIENCE

Affinidi   **Singapore**
Full-Stack Engineer Associate (Trainee)   *May 2022 – Present*

- Joined the Financial Services Team (Finnovate) to work on end-to-end Minimum Viable Product to exhibit the use-case of Verifiable Credentials to the Professional Hiring Market - adopting Web3.0 Technology
- Development on Next.js, React, React Native, Typescript, and Nest.js for Frontend & Backend Applications
- Understood the principles of Software Development Life Cycle, Implementation and Troubleshooting of Gitlab CI/CD pipelines, and employed Agile Methodologies with Jira

SIA Engineering Company   **Singapore**
Aircraft Maintenance Planner   *July 2021 – April 2022*

- Coordinate and manage daily aircraft maintenance tasks from respective fleet's Line Maintenance Tracking Chart for B747, B777, B787, A380, and A350 aircraft.
- Sort, update, and track required aircraft maintenance period and spares/components availability using SAP software and liaise with customers and from Singapore Airlines, Scoot, Airbus, and Boeing.
- Plan for daily Non-Destructive Testing (NDT) crew's proposed inspection tasks using Excel and MAPS software
- Support and improve fleet operation controller efficiency ground time for aircraft maintenance by 20%

Pratt & Whitney Component Solutions Pte. Ltd. (Asia Pacific)   **Singapore**
Intern   *January 2020 – April 2020*

- Analyzed performance review and evaluations for associates of P&W's Talent Programs using Microsoft Excel. Statistical performance analysis of each individual's profile on PowerPoint.
- Supported training curriculum and administrations for associates of the Talent Programs which resulted in building my interpersonal and communication skills
- Primarily involved in organizational climate survey reports for business units in the APAC region using Glint. Analyzed results and crafted reports for the Senior Management board.

EDUCATION

Generation Singapore   **Singapore**
Company-Led Training (CLT) Jr. Full Stack Developer   *May 2022 - August 2022*

- Undergoing 9 months bootcamp + OJT (On Job Training)
- Relevant Courses: Javascript, Java, Nodejs, Git, Github, MySQL, Reactjs, HTML, CSS

Embry-Riddle Aeronautical University   **Singapore**
Bachelor of Science in Aeronautics / Minor in Helicopter Operations & Safety   *January 2019 - March 2021*

- GPA: 3.7 / 4.0
- Relevant Courses: Programming Python

Nanyang Polytechnic   **Singapore**
Diploma in Aeronautical & Aerospace Technology   *April 2013 - March 2016*

- Relevant Courses: Programming C++

VOLUNTEER EXPERIENCE

Sister Sabria Foundation **Montreal, Canada**
Volunteer *December 2019 – January 2020*
- Expanded interpersonal and professional communication skills through serving homeless people
- Maintained a positive, safe and productive environment by preparing ingredients and cooking meals for over 500 homeless people and coworkers

Jamiyah Nursing Home **Singapore**
Volunteer *September 2016*
- Observe patients to ensure that they respond to medicines and treatment well and provide immediate First Aid or CPR if required
- Engage patients in conversation to derive more information about them, ensuring that the exchange is positive which resulted in improving communication and interpersonal skills

AWARDS / ACHIEVEMENTS

Embry-Riddle Dean's List *January 2019 – January 2021*
- Attained the Embry-Riddle Dean's List which is given to a small and distinguished group of high performing students at the university.

Professional Diploma in Leadership & People's Management *October 2019 – April 2020*
- Successfully completed all prescribed requirements for Leadership & People's Management at NTUC LearningHub

SKILLS & INTERESTS

Coding Languages: Typescript, Javascript, Java, Python, C++

Frontend Stack: Nextjs, Reactjs, React Native, HTML, CSS, Bootstrap, Material UI

Backend Stack: Nestjs, Nodejs, Expressjs, Jest, Mongoose

Management & Deployment: NPM, Apache Maven, AWS Console

Database Management: MySQL, MongoDB

Tools and Softwares: Visual Code Studio, Intellij IDEA, Git, Gitlab, Android Studio, Xcode, Jira, Confluence, Slack, Office365, AWS Cloud Services, Bash/Shell, Firebase

Languages: English (Native), Malay (Native), Japanese (Basic), French (Basic)

Interpersonal Skills: Teamwork, Time Management, Problem Solver, Analytical Skills, Ability to work under pressure, Multitasking

Interests: Running, Cycling, Diving, Snowboarding, Hiking, Swimming, Travelling, Photography