

# Muhammad Hariz Bin Roslan

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## OBJECTIVE

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- An independent and self-motivated aviation graduate with proficiency in HTML, CSS, JavaScript, Typescript, React.js, Next.js, React Native, and Node.js seeking a meaningful role to begin a career in Information Technology and make a positive impact on customer experience. A hardworking and adaptable individual who demonstrates excellent communication and interpersonal skills. Ability to work in both team and self-directed settings. Bringing forth a positive attitude and motivation to learn new skills.

## WORK EXPERIENCE

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### Affinidi

Singapore

*Full Stack Engineer Associate (Trainee)*

*August 2022 – February 2023*

- Participated in coding tasks, developing, and updating existing systems to increase task success rate by 10%
- Collaborated with internal teams, including product design and QA testers to develop and successfully launch a new application CEAL
- Analyzed user needs and software requirements to determine feasibility of design, ensuring project completion 2 weeks prior to targeted due date
- Understanding the flow of code and how it interacts with different components
- Relevant Skills: Javascript, Typescript, Nodejs, Git, Gitlab, MongoDB, Reactjs, HTML, CSS, Kubernetes, AWS, Docker, Nextjs, Nestjs

### 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%

## EDUCATION

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### Generation Singapore

Singapore

*Company-Led Training (CLT) Jr. Full Stack Developer*

*May 2022 - August 2022*

- This program is a national skills initiative co-created by Microsoft and Generation Singapore, in partnership with Digital Industry Singapore (DISG), Infocomm Media Development Authority (IMDA) and SkillsFuture Singapore (SSG).
- 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

### Nanyang Polytechnic

Singapore

*Diploma in Aeronautical & Aerospace Technology*

*April 2013 - March 2016*

- Relevant Courses: Programming C++, AutoCAD

## **VOLUNTEER EXPERIENCE**

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### **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**

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### **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**

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**Technical Skills:** Typescript, Javascript, Java, C++, Python, Nextjs, Reactjs, React Native, HTML, CSS, Tailwind CSS, Bootstrap, Material UI, Daisy UI, Nestjs, Nodejs, Expressjs, Jest, Mongoose, NPM, Apache Maven, AWS Console, MySQL, MongoDB, Docker, Software Development Life Cycle, Scrum and Agile Methodologies

**Tools and Softwares:** Visual Code Studio, IntelliJ IDEA, Git, Gitlab, Android Studio, Xcode, Jira, Confluence, Slack, Office35, Amazon Web Services (AWS), Bash/Shell, Firebase, AutoCAD 2D/3D

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

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