

Andy Tang

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EDUCATION

Microsoft Career Transition Scholarship Programme June-September 2023 Generation Singapore: You Employed, Singapore

Junior Cloud Support & DevOps Engineer

- Trained in cloud infrastructure design, provision, configuration, monitoring and maintenance, Linux system administration and CI/CD pipelines
- Gained hands-on experience through a comprehensive instructor-facilitated training bootcamp that integrated real industry scenarios with projects and case studies
- Learnt Vital behavioral skills and mindsets essential
- Trained in Python, Ansible, Terraform, Azure, Docker, Git and Linux

Temasek Polytechnic

April 2015-April 2019

Diploma in Aerospace Engineering

- Cumulative GPA: 3.2/4.0
- Completed Lufthansa Technical Training
- Awarded SAR-147 Certificate of Recognition

EXPERIENCE

GE Aviation, Singapore

June 2019-December 2021

Assistant Engineer

- Received Lean Focal Kaizen Training on 5S and Poka-yoke, which I used to revise and standardize repair workflows, resulting in a 20% reduction in lead times and a 15% increase in output.
- Contributed to the implementation of new technologies and processes that improved productivity and efficiency in the MRO workflow.
- Produced detailed technical reports, design documentation, and specifications to communicate project progress and findings to stakeholders.
- Participated in the testing and prototyping of aerospace components, analyzed test data, and proposed design improvements.

Bombardier Aerospace Service, Singapore

October 2018-January 2019

Student Internship

- Collaborated with General Manager to develop a comprehensive Facility Maintenance Manual for the company
- Assisted the Planning Department in meticulously reviewing maintenance documents to identify and rectify discrepancies before customer submission
- Facilitated a seamless onboarding experience for new interns and furnishing self-prepared guidelines

ASM Pacific Technology Limited, Singapore

April 2014-Jun 2014

Student Internship

- Employed analytical thinking skills proficiently to troubleshoot and resolve complex problems effectively
 - Showcased technical expertise by offering invaluable support to senior technicians, contributing to a substantial improvement in the weekly production rate
 - Diligently executed duties in strict adherence to relevant standards, policies, and regulatory guidelines, ensuring the promotion of a safe and secure working environment
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ADDITIONAL SKILLS & CERTIFICATIONS**Civil Aviation Authority of Singapore**

January 2017

SAR-66 Examination: M9 Module-Human Factors

- Skilled in using Human Factors tools and methodologies to enhance aviation maintenance safety
- Ability to identify and mitigate human errors in aviation maintenance processes
- Knowledge and understanding of fatigue management and its significance in ensuring safe and efficient maintenance practice

Upcoming Microsoft Certification Exams

- Microsoft Certified: Azure Fundamentals (Exam AZ-900) - Expected September 2023