

PROFILE

Oskefer Consulting, headquartered in Singapore, is an engineering consultancy firm specializing in **incident investigation** (including failure analysis, forensic engineering investigation, and root cause analysis), **risk-based consulting** (such as risk-based design review, inspection, and condition assessment), and **expert witness** services.

Dr. Andrew Ting joined Oskefer Consulting Pte Ltd in 2025 and took on the role of Senior Failure Analysis Consultant. With over 3 years of experience in structural stress analysis, Dr. Ting brings extensive expertise to the company.

Dr. Ting began his career as a Senior Stress Analysis Engineer at ST Engineering Aerospace focusing on the structural design and stress analysis of aircraft body structures and components.

A bilingual Singaporean Chinese, Dr. Ting is fluent in both English and Chinese.

KEY STRENGTHS:

- Broad engineering knowledge across disciplines
- Expert knowledge and hands-on experiences in Mechanical Engineering
- Expert knowledge in structural design and stress analysis
- Rich experiences in additive manufacturing processes and material

INDUSTRY EXPERIENCE:

- **Aviation** (aircraft body design and stress analysis)
- **Additive Manufacturing** (process parameters, sustainable construction materials)

PROFESSIONAL EXPERIENCE

Nov 2025 – Present

Oskefer Consulting

Senior Failure Analysis Consultant

- Providing engineering consulting services to insurance companies, law firms, OEMs, and end-users, etc.
- Perform failure investigation and damage assessment on engineering systems, including turbine systems (gas turbine/steam turbines/combined cycles/wind turbines) and other rotational machinery/assembly (gear/fans), with special interest in aviation (aircraft engine and aircraft body).

July 2022 – Oct 2025

ST Engineering Aerospace Ltd.

Senior Stress Analysis Engineer

- Performed comprehensive stress analysis on aircraft body structures and components using precise engineering calculations and FEA modelling, improving structural reliability and reducing rework by ensuring compliance with safety and certification standards.
- Applied advanced mechanical engineering principles and analytical models to diagnose and resolve complex structural issues, optimising component performance and contributing to successful project delivery.

EDUCATION

Doctor of Philosophy (PhD) in Mechanical Engineering

Nanyang Technological University, Singapore 2022

Bachelor's of Engineering (Mechanical Engineering)

Nanyang Technological University, Singapore 2017

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