

"C9"

Resume for: Thivash Moodley

7/9/2014



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TMI Dynamics website: www.tmi-za.com

EXECUTIVE SUMMARY

An innovative and results-driven leader focused on performing at the highest levels in the Aerospace & Defence sector

16 years experience in the global aerospace and defence sector helped develop a proven track record of performance and execution excellence in complex commercial and military aerospace projects. A natural leader in the aerospace sector with excellent networks in Africa, the Americas, Europe, Middle East and Australia and recognized as the proverbial "go to" person who knows what needs to be done and acts immediately. Intuitive, analytical and has a strategic capability to shape business processes and motivate teams to create the highest levels of efficiency and productivity. Respected in the South African entrepreneurial networks as a dynamic business builder, for hands on leadership, paying attention to detail and delivering sustained growth year on year. Equipped with a Masters in Project Management, an Honors in Engineering: Aerospace and nine years experience in growing a high tech aerospace company offering training and simulation solutions to global companies in the Aerospace and Defence sector.

CORE COMPETENCIES

Project managed multi-million dollar global programs	Proven track record with companies operating in the South African aerospace industry
Master at building dynamic teams and providing leadership on complex programs	A technology visionary excelling in product design, manufacturing and support in service
Extensive experience in creating fundable business models/ plans	Extensive exposure to different international cultures developed great interpersonal and negotiating skills
Sound financial and cash flow optimization management to the satisfaction of directors, shareholders and business funders	A strong combination of academic, practical and operational experience varying from concept design to flight testing and operational support

PROFESSIONAL EXPERIENCE AND ACCOMPLISHMENTS

Chief Executive Officer | TMI Consultancy (PTY)LTD (trading as TMI Dynamics)
2005 - Present

TMI Dynamics, founded by Thivash Moodley in 2005, has evolved from a dynamic background and extensive work experience in the global aerospace industry. Working in organisations that perform diverse activities in the commercial and military products life cycle empowered a 360° outlook on product development and life cycle support. TMI Dynamics offers state of the art simulation and training solutions to support diverse product development activities in the aerospace, automotive, transport and education sectors. Located at the Innovation Hub in Pretoria, the company offers these services to local (Denel group of companies, South African Airways, Advanced Technologies and Engineering, CSIR) and global (Saab Aerosystems, Bae Systems, Scania) clients based in South Africa

Duties include:

The following core activities are under the helm of the CEO, business development and strategic management, financial management, complex project management, client relationship management and corporate governance of the organization. As the CEO, total responsibility of Profitability and Sustainability of the organization has to be maintained:

- Communicate program scope, schedules, and objectives across program teams to ensure deliverables are on schedule, within budget, and meet or exceed customers' expectations;
- Analyze financial impact of program decisions and review performance of program cost and scheduling;
- Track programs' key performance indicators and coordinate with suppliers and sub contractors to deliver products and services on schedule and budget;
- Technical problem solving on complex programs to ensure the performance, budget and schedules are not adversely affected and are still acceptable to the client;
- Monitor personnel compliance with contractual, regulatory, company, OH&S (safety meetings and audits) and legislative requirements;
- Principal point of contact between clients and TMI Dynamics.

Senior Project Manager | CSIR DPSS

Pretoria, AFB Overberg, AFB Makhado, Denel Kempton Park 2002 - 2004

Defence Peace Safety and Security unit of the CSIR offers a range of aerospace and military services to design and develop aircraft and weapon systems. The organization offers testing facilities to develop concepts and verify the performance of built prototypes.

Duties included:

Managed blended teams comprising, client and internal members, involved in the development and implementation of complex aircraft and weapons systems projects. Served in consulting capacity in partnership with global prime contractors, ie. Saab Aerosystems and Bae Systems to deliver products and services for the South African and Swedish Air Forces.

- Defined project scope, goals and deliverables to support business goals in collaboration with senior management and stakeholders. Liaised with project stakeholders on an ongoing basis;
- Effectively communicated system expectations to team members and developed communications documents;
- Coached, mentored, motivated and supervised team members and contractors to influence positive action;
- Drafted and submitted budget proposals and recommended subsequent budget changes;
- Managed changes in project scope, identified potential crises, and devised contingency plans;
- Developed and deliver progress reports, proposals, requirements documentation, and presentations;
- Conducted project post mortems and created reports to identify successful and unsuccessful project elements.

**Aeronautical Integration Specialist | Denel Aviation/ Saab Aerosystems
Linköping Sweden, 2000 – 2002**

Saab Aerosystems and Denel Aviation are responsible for the development and implementation of the Gripen for the South African Air Force.

Duties included:

As part of the strategic skills and technology transfer programme between South Africa, Sweden and the United Kingdom, South African engineers were trained and mentored by Swedish specialists in aeronautical and systems engineering. Specialized in the design and development of the aeronautical systems to be integrated onto Gripen. Part of a dynamic team responsible for overseeing the Gripen SA design, manufacturing, test and evaluation and delivery of the aircraft to the South African Air Force.

- Responsible for translating client's requirements into systems specifications and producing the detail designs of the aeronautical systems to be integrated onto the Gripen. Worked with complex contracts between three countries to ensure the Gripen was delivered to the satisfaction of the South African Air Force within the budget of the OEMs Saab Aerosystems and Bae Systems.
- Developed the aeronautical engineering analysis tools for loads and stores separation work to

be performed in South Africa at a later stage. The tools have been accredited and approved by Saab Aerosystems as the stores separation tool for Gripen weapons integration projects and currently contributes to extensive flight test savings due to a large part of the test and evaluation programme being performed via simulation in South Africa;

- Part of the core team responsible for the establishment of the "state of the art" high tech aerospace design and development centre at Denel. Developed the processes for product development and systems engineering activities to perform external stores integration work and support for military aircraft in South Africa;

**Aeronautical Engineer | CSIR Defencetek
Pretoria 1998 - 2000**

Working at the CSIR Windtunnel Facility formed the foundation of a 16 year career in the aerospace and defence industry. Performed a wide array of small product design, testing and managing low cost projects.

Duties included:

- Performed aircraft and missile airframe characterization in the windtunnel;
- Researched and conceptualised new aerodynamic bodies to enhance weapons performance;
- Junior project management activities to design and develop windtunnel models;
- Develop new technologies that would improve the windtunnel setup and operations costs.

EDUCATION

Short Courses by Private and Educational institutes 2004-2013

Participated in a series of short courses in Business Management, Financial Management, Entrepreneurship, Innovation and Technology Management sponsored by The Innovation Hub, Industrial Development Corporation, the Department of Trade and Industry, Department of Science and Technology, SAB Foundation.

University of Pretoria, Gordon Institute of Business School 2000, 2003
Master in Project Management

Linkoping University of Technology, Sweden 2001-2002

Enrolled in a Post Graduate Doctrate to research active control of elastic wings (not completed)

Royal Melbourne Institute of Technology, Australia 1993-1996

Honors Degree in Aerospace Engineering

(Certificates available on request)

AFFILIATIONS

- Board of Directors: TMI Consultancy
- Chairman of Risk and Audit Committee: Aerospace Maritime and Defence Association of South Africa

REFERENCES

- Mr Simphiwe Hamilton, Executive Director of AMD SA, [REDACTED] email: simphiweh@amd.org.za
- Dr Kerrin Myres, Chairperson of TMI Consultancy/ CEO of Resonance Consulting, [REDACTED]
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- Mr Thivian Vadivelu, GM Denel Aersostructures. [REDACTED] thivianv@denelsaab.co.za
- Mrs Eva Sodertroom, Saab Group Sweden, [REDACTED] eva.soderstroom@saabgroup.com