



# DOMINIC TOWNSEND

PRAGILIST | COACH & LEADER  
PRAGMATIC AGILE ADOPTER

## CURRICULUM VITAE



### THIS IS ME

## OBJECTIVE

"My objective is to use my technical skills and leadership experience to help companies in the hi-tech industry fix, change, or improve their engineering development. I like to be challenged and continuously learning. I specialise in building, leading and motivating high performing technical teams through my personal management style and ability to identify and develop talent. Using a combination of Agile Coaching, Lean Startup methodologies, Design Thinking and a Continuous Improvement mindset, I can get teams and customers to come together on their journey to achieving value."

### MY ATTRIBUTES

## KEY ATTRIBUTES

### LEADERSHIP

Professional management style and engaging leadership attributes. Excellent interpersonal communication skills with high emotional intelligence.

### STRATEGIC MANAGEMENT

Including strategic planning, SWOT analysis, risk management, environmental scanning and project management. Impeccable document and diagram design skills. Capable interim CIO/CTO roles.

### CONTINUOUS IMPROVEMENT

CI mindset and tools. Experimental change, retrospectives, lean principles, journey mapping, lean coffee, kaizen events, gamba walk, TIMWOODS, 5S's. Using tools for problem type identification, fishbone, 5 whys, etc.

### PROJECT MANAGEMENT

Exceptional organisational and planning skills, working within Stage-Gate, Waterfall, and Lean | Agile | Kanban environments. Deep understanding of PRINCEII framework.

### AGILE COACHING | DEVELOPMENT

Excellent understanding of Agile Development, including successfully introducing and refining Agile based development processes in several roles in a variety of industries.

### BUSINESS ANALYSIS | PRODUCT OWNERSHIP

Extensive experience analysing and documenting epics & user stories to meet the business requirements for various functions and applications. Assisting with product planning, product backlog formulation and grooming.

### LEAN START-UP AND CHANGE

From Design Thinking through to Lean Change, experience of coaching teams from IT, software, firmware, hardware and integrated systems. Understanding People-Organisation-Culture.

### SOFTWARE | FIRMWARE | HARDWARE SKILLS

Extensive computer programming experience using C and assembly languages, PHP, HTML, CSS, MySQL, Powershell and Python scripting language.

### MORE ABOUT ME

## QUALIFICATIONS

### MENG

Master of Electronic Engineering, University of Hull, 2000

### BENG (Hons)

Bachelor of Electronic Engineering, University of Hull, 1994

### DIPENG

Postgraduate Diploma in Environmental and Ecological Electronic Engineering, University of Hull, 1994

## INTERESTS

Psychology, painting, reading, playing the guitar, playing soccer, designing logos/websites, table-tennis, golf, tramping, running, cycling, card tricks and gadgets. Built home automation projects for RFID Cat-flap, remote controlled Home Alarm, Remote Garage Door operation, Beer Fermenter controller, PID controlled Coffee Roaster, Large Screen Cricket Score Board, all using ARDUINO and RASPBERRY PI and peripherals.



## MY HISTORY

### WORK HISTORY - SUMMARY

Position	Company	Department/Subsidiary	Held
Principal Continual Service Improvement Manager	Computer Concepts Ltd	Continual Service Improvement	Nov 2018 - current
Consultant   Owner	Mnemonics Ltd	Agile   Lean   PjM   BDM	Continuous
Director of Engineering	ARANZ Medical Ltd	Engineering Department	May 2017 - Mar 2018
Controls Team Leader	Cavotec	Cavotec MoorMaster™	Sep 2014 - Apr 2017
Senior Manager – Radio Firmware	Samsung	Samsung Cambridge Solutions Centre	Jun 2011 - Apr 2014
Principal Engineer	WhisperTech Ltd	Electronics and Software Department	Jan 2009 - Apr 2011
Software Department Manager	Allied Telesis Labs	Software Department	Mar 2006 - Dec 2008
Software Team Manager   Engineer			Jul 2001 - Feb 2006
Research & Development Engineer	Lincoln Ventures Ltd	Lincoln Technology Group	Feb 1996 - Apr 2001

## MY KEY SKILLS

### SKILLS DETAILS

- Professional management style and engaging leadership attributes
- Excellent interpersonal communication skills with high emotional intelligence
- Exceptional organisational and planning skills, including strategic planning, SWOT analysis, risk management, environmental scanning and project management
- Excellent understanding of Agile Project Management, including successfully introducing or refining Agile based development processes in several roles in a variety of industries
- Excellent team creation, building and development skills
- Exceptional ability to identify, develop and motivate talented people
- Extensive experience across a wide variety of industries from embedded development and silicon to WebAPI and high-power industrial control
- Extensive experience in designing, documenting and introducing quality firmware development and test procedures and methodologies, including Agile software development, test driven development, code branching strategies and defect management
- Extensive computer programming experience using C and assembly languages, PHP, HTML, CSS, MySQL, PowerShell, and Python scripting language, also some experience with PERL, and VBScript
- Experience with embedded systems design and development
- Impeccable document and diagram design skills
- Experience with prototype fabrication for various projects, including soldering, PCB fabrication, plastic and metal casing construction
- Instrumentation design and construction for a range of environments

#### CONSULTING SERVICES



Expertise in Software, Firmware, Hardware, design review. Experience across Software, SAAS, Control Automation, Embedded Electronics, Embedded for Silicon, Wireless and IoT, Networking, Medical Imaging, Prototyping, Research and Development, Environmental applications, Website design and applications, databases, scripting, logo designs.... and many more

#### LEAN CHANGE



From Design Thinking through to Lean Change, can help teams and company build the right processes to ensure minimum viable products are released efficiently and meeting your clients expectations. Can cover from Firmware, through Software to Hardware as well as integrated systems. Use and scale of Kanban, Kaizen and Lean Canvas creation.

#### BUSINESS DEVELOPMENT



Business Development Management Services for technology companies. Able to use our industry knowledge, technical know-how and New Zealand contacts to help grow clients through educating them about the company's expertise and capabilities

#### PROJECT MANAGEMENT



Specialising in Technical Project Management, can assist with all aspects of getting things done. From initiation through planning, executing and reviewing, all whilst maintaining control and visibility to all stakeholders. Able to work within Stage-Gate, SCRUM, KANBAN, Lean start-up, PMP and PRINCE II etc.

#### AGILE DEVELOPMENT | COACHING



Having extensive experience of implementing Agile Software Development methodologies into software and hardware companies, can ensure that teams develop the right process, understanding and mindset to ensure teams are motivated and driven to build fit-for-purpose products. Coaching of team, scrum master, product owner and C-suite

#### INTERIM LEADERSHIP



Interim CIO, CTO or any Technical Team needing a steady hand to see company through times of change, extended periods whilst recruiting, or just to have Senior Leadership as a part-time role