

JURGEN LUST

Technology Leader | Enterprise Architect | Software Craftsman

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EXPERIENCE

Enterprise Architect | Chief Architect Digital | Head of Solution Architecture

Thomas Cook Group

📅 August 2017 - October 2019 📍 London/Stockholm/Frankfurt/Kiev/Malaga

- Transformed the IT organisation towards lean value-driven and agile delivery in a complex multinational environment with both in-house and nearshore teams.
- Defined and achieved stakeholder endorsement of the enterprise IT technology direction and cloud strategy, in particular in the perspective of digital transformation programmes.
- Supervised solution choices and design as the chairman of the Group IT Design Authority, optimised delivery methodologies (CI/CD) and guided development teams as chief architect.
- Managed and coached architects and engineers in evolutionary architecture to delivery quality at speed.

Enterprise Architect | Product Owner

Cronos Group

📅 January 2017 - July 2017 📍 Kontich/Waregem/Stuttgart

- Started the architecture practice in a multinational company at the start of their digital transformation.
- Defined the product roadmap and led the architecture of a digital health startup and coached of development teams in lean, DDD, event-sourcing and microservice architecture.
- Provided technology advisory for one of the largest consulting firms in Belgium.

Architect

De Persgroep/DPG Media

📅 October 2013 - December 2016 📍 Asse/Lokeren/Rotterdam/Amsterdam

- Led the architecture of the content management and distribution system for all online and offline publications across 3 countries, for the largest media group in the Benelux.
- Advised IT leadership in the transformation of the organisation towards value-driven, agile delivery, based on ownership, continuous improvement and a You Build It You Run It mentality.
- Guided development teams towards software craftsmanship, continuous delivery, domain-driven design, event-driven microservice architecture and chaos engineering.

MY LIFE PHILOSOPHY

“Try not to become a man of success, but rather try to become a man of value.”

MOST PROUD OF



Persistence & leadership

aligning stakeholders in all segments of a multinational company to a single architecture roadmap and technology strategy



3 national elections

preventing fraud through biometrics



Courage I had

introducing evolutionary architecture in a governance-heavy organization

STRENGTHS

Getting Things Done

Efficiency

Motivator & Leader

Scientific Method

Challenging the status quo

Stakeholder Management

People Management

Inspect and Adapt

Lean & Agile

Technology Advisory

Architecture

Software Craftsmanship

Domain-Driven Design

Cloud Native

EDUCATION

MA Japanese Language and Culture

Ghent University

📅 1994 - 1999

EXPERIENCE - CONTINUED

Head of Development

Code Inc

📅 July 2008 – February 2013

📍 Ghent/Ottawa/Nairobi

- Defined the product roadmap of a large scale biometric voter registration system, including fraud detection through n-to-n matching based on fingerprints, face recognition and retina scans.
 - Defined the architecture and supervised the design of the platform, with a heavy focus on security and performance.
 - Led the development, test and successful roll-out of the solution in Kenya, Gambia and Fiji for national elections in 2010, 2011 and 2012, registering millions of voters.
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Open Source Contributor

Apache MyFaces

📅 2004 – 2010

- Contributed to the design and development of the Tomahawk component library for Apache MyFaces.
 - Designed and developed the tc-schedule component (web component for building Outlook-like calendars).
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Software Engineer, Project Manager and Architect

Ghent University

📅 February 2000 – September 2013

📍 Ghent

- Evolved from junior Java developer to head of Java development.
- Led the architecture and the development of the student administration and information system, an e-learning platform for languages and a reservation management system.
- Project manager of one of the biggest strategic IT projects, implementing SAP to optimise facility and asset management.

SKILLS

Agile/Lean ●●●●●

Architecture ●●●●●

Software Craftsmanship ●●●●●

Cultural Transformation ●●●●●

People Management ●●●●●

Cloud ●●●●●

Java ●●●●●

LANGUAGES

English ●●●●●

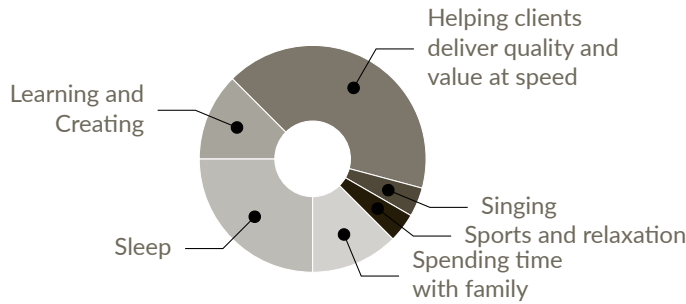
Dutch ●●●●●

French ●●●●●

German ●●●●●

Japanese ●●●●●

A DAY OF MY LIFE



TRAINING

Architecture

- Foundation Enterprise Architect Certification Training (TOGAF 9.2)
 - Fundamentals of Enterprise Architecture
 - Enterprise Architecture Applied Concepts
 - Mastering the Requirements Process
 - Pragmatic Modelling with UML
 - Enterprise Information Architecture Master Class
 - User Centered Design Master Class
 - Design Thinking
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Cloud

- AWS Certified Solutions Architect - Associate 2017
 - AWS Certified Solutions Architect - Professional 2017
 - Google Cloud Platform Fundamentals
 - Computing, Storage and Security with Google Cloud Platform
 - Configuration Management on Google Cloud Platform
 - Designing Highly Scalable Web Apps on Google Cloud Platform
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Software Craftsmanship

- Functional Programming in Scala
 - Functional Program Design in Scala
 - AWS Certified Developer - Associate 2017
 - AWS Certified SysOps Engineer - Associate 2017
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Management

- Certified Scrum Master
- Non-Violent Communication
- Visual Facilitation

INSPIRED BY

📖 Books

- Brandolini, Alberto (June 2018). *Introducing Event Storming*. LeanPub.
 - Ford, Neal, Rebecca Parsons, and Patrick Kua (Sept. 2017). *Building Evolutionary Architectures, Support Constant Change*. O'Reilly Media.
 - Rosenthal, Casey et al. (May 2017). *Chaos Engineering, Building Confidence in System Behavior through Experiments*. O'Reilly Media.
 - Hohpe, Gregor (Aug. 2016). *37 Things One Architect Knows About IT Transformation: A Chief Architect's Journey*. CreateSpace Independent Publishing Platform.
 - Newman, Sam (Feb. 2015). *Building Microservices*. O'Reilly Media.
 - Liker, Jeffrey K. (2014). *The Toyota Way*. McGraw-Hill.
 - Ries, Eric (2011). *The Lean Startup*. Crown Publishing Group.
 - Evans, Eric J. (2003). *Domain-Driven Design, Tackling Complexity in the Heart of Software*. Addison Wesley.
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📄 Articles

- Board, ThoughtWorks Technology Advisory (May 2018). "Technology Radar". In: *ThoughtWorks.com* 18.
- AWS (Nov. 2017). "Amazon Well-Architected Framework". In: *Amazon Web Services White Papers*.
- Beck, Kent et al. (2001). "Manifesto for Agile Software Development". In: *agilemanifesto.org*.