

Diderik van Wingerden

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Profile

I am a Pragmatic Idealist working on Digital and Open Source Innovation. My Superpower is analyzing and structuring. I have a solid background in Software Development, Business Economics and Lean Innovation approaches and know how to integrate these.

Major accomplishments:

- ✓ Software Development: 50+ web applications, apps and smart products in various roles
- ✓ Author and speaker: 30+ presentations, workshops and publications on Open Source, Open Design, Internet of Things and IT Economics
- ✓ Expert: 15+ organizations and start-up teams on Open Source Development, Lean Startup, Design Thinking and Business Modeling
- ✓ Hackathons: 15+ as organizer, mentor and (prize-winning) participant
- ✓ Bachelor's Degree in Computer Science and Master's Degree in Economics & Informatics (average grade 9+ out of 10)
- ✓ Winner Medical Delta Proof-it Award, finalist of UNICEF Wearables for Good

Roles: (Technical) Project Manager, Scrum Master, Business Analyst, Design Thinker, Mentor, Facilitator, Consultant

Style: pragmatic, open, direct, results-driven, informal, collaborative

Experience

2011 - present: Freelancer at Think. Innovation.

- **Consultant for Digital Social Innovation, Dance4Life, Light for the World and others (2019)**
As independent consultant I have supported NGOs Dance4Life, Health[e]Foundation, Light for the World and Enablement/Liliane Foundation in developing their digital solutions through bi-weekly workshops: Agile/Scrum coaching, technical know-how, human-centered design process and business modeling.
- **Analyst and Scrum Master, Ministry of Justice and Security (2015 - 2019)**
As a member of the Scrum Team at the Department of Immigration Coordination, I developed two Information Systems. Tasks and responsibilities: managing the Product Backlog with the Product Owner, coordinating with external stakeholders and IT suppliers, organizing workshops, facilitating Retrospectives, Stand-up Meetings and Sprint Plannings using JIRA, doing Information Analysis and creating Functional Specifications in UML with Enterprise Architect: Requirements, Use Case Diagrams, Activity Diagrams, Class Diagrams and User Interfaces; also using Git.
- **Co-founder, Totem Open Health (2014 - 2016)**
With Totem Open Health we developed an Open Source-based smart wearable for health applications, securing financing from the EU and SIDN Fund; resulting in a spin-off at Eindhoven University of Technology, an application for Parkinson's disease patients, winner of the Medical Delta Proof-It Award and finalist of UNICEF Wearables for Good.
- **Technical Project Manager, Enexis (2012 - 2014)**
Coordinating the software development of the "Ectual", an Internet of Things device that

makes Smart Meter data available in the 'living room'; on smartphones, tablets and computers through an Open API. Responsibilities: designing the P6 Companion Standard as extension of the Dutch Smart Meter Requirements as an Open API (HTTP, REST and JSON); defining requirements, specifications and RfP's, selecting software developers, managing development and release of the core software, test applications on Android, iOS and Windows, compiling the Software Development Kit (SDK).

▪ **Other freelance projects include amongst others:**

2019:

- Project Manager using also GitLab for the Open Source Software initiative ARPA2.net
- Expert for the German DIN SPEC initiative on standardizing Open Source Hardware
- Expert for the Open Know-How Specification, MakerNet Alliance

2018:

- IT and Service Design Consultant for developing an app for farmers, ZLTO
- Presentation and workshop on Open Innovation & Open Design, The Spindle
- Presentation for MakeHealth Prototyping, Waag
- Co-creator of the REMODEL Open Source Manufacturing Program, Danish Design Center
- Organizer Energy Hack NL, Enpuls and Enexis

2017:

- Presentation about Open Source Business, Impact Fest The Hague
- Organizer Dutch Mobility Hackathon, ANWB, Schiphol and NS
- Presentation and workshop on Opening Business Models, Thought For Food Syngenta
- Workshop on Substantial Innovation, The Spindle
- Mentor at the Summer Labs, The Spindle
- Consultant and facilitator for the Innovation Lab, Nuon
- Presentation on Open Source Innovation, ThingsCon
- Consultant for Business Modeling, Wevolver

2016:

- Organizer Apps for Energy Hackathon #2, Enexis
- Presentation on Open Source Business, Innovation Intelligence Conference Lithuania
- Organizer and facilitator "Business Marathon Energy", Campus Party Utrecht
- Presentation on Open Source Business, Mikrocentrum
- Guest Lectures on Entrepreneurship and Open Design, Hague University of Applied Sciences

2015 and before:

- Organizer Toon Hackathon, Eneco (2015)
- Organizer Apps for Energy Hackathon, Enexis, Liander and UtrechtInc (2014)
- Technical Project Manager for various web applications, Blis (2012 - 2013)

2009 - 2010: Co-founder Mr. Link

Launched Search Engine Optimization (SEO) Link Building tool for the Dutch SME market.

2007 - 2011: Management Consultant at M&I/Partners, Amersfoort

- **Radboud University Medical Center:** Change Manager for a hospital-wide appointment system
- **St. Antonius Hospital:** Change Manager for a hospital-wide Electronic Medical Records (EMR) system
- **Bibliotheek.nl Foundation:** developing a financial model for the IT Services Catalog
- **40+ Housing Associations:** IT Total Cost of Ownership Benchmarking for Ymere, Mitros, Portaal and other Housing Associations
- **11 Housing Associations:** Enterprise IT Reference Architecture for Vestia, Woonstad Rotterdam, WonenBregburg and 8 other Housing Associations

- **Consulting for:** SURF, Municipality of Rotterdam, Quality Institute Dutch Municipalities (KING) and other clients. Business Case definition, IT Costs & Benefits Analysis, Benchmarking, IT Architecture, IT Strategy and Financial Process Analysis.
- **Publications in:** magazines Informatie, Aedes Magazine, CorporatieGids Magazine, TIEM 2.0 Magazine, Magazine Zorgvisie (ICTzorg) and two chapters in a book on Costs and Benefits of IT; paper and speaker at Americas Conference On Information Systems (AMCIS, San Francisco); guest lectures in Information Economics, Erasmus University Rotterdam.

2007: Intern at M&I/Partners, Amersfoort

Research and creation of IT Benefits Benchmarking Model, including publication.

2003 - 2007: Technical Project Manager at Total Active Media (Zappwerk), Delft

- **Developing advanced websites:** with a Content Management System, ColdFusion, XML, Service-oriented architecture with XML Web Services, SOAP, Microsoft SQL Server, PostgreSQL, HTML, CSS and JavaScript for SURFnet, Dutch Museum Association, Delft University, Erasmus University Rotterdam, Municipality of Amsterdam and other clients.
- **Lead Developer of Culture Around The Corner:** the internationally recognized and press-covered location-based Point of Interest (POI) service for the Dutch cultural sector.

2002 - 2003: Software Engineer at Ordina, Bilthoven

- **Developing advanced Business-oriented Web Applications:** with Microsoft.NET, C#, VB.NET, ASP.NET, XML/XSL-T, SOA, SOAP, XML Web Services, Microsoft SQL Server, HTML, CSS en JavaScript for Sun, Reed Business Elsevier and other clients.
- **Teacher at Ordina Academy:** developing and teaching a course on Microsoft.NET.

2000 - 2002: Software Engineer at Devote, Gouda

Developing advanced Business-oriented Web Applications.

2000: Intern at Aruba Bank, Oranjestad Aruba

Bachelor's Thesis on e-Business opportunities.

1999 - 2000: Web Application Developer at Zappwerk, Delft

Developing a CRM system and other Web Applications with ColdFusion, Microsoft Access, Microsoft SQL Server, HTML, CSS en JavaScript.

1998 - 1999: Intern at Zappwerk, Delft

Developing Websites and Web Applications.

Professional training and courses

- Service Design Fundamentals, Design Thinkers Academy (2017)
- Certified Professional Scrum Master I, PSM I, scrum.org (2014)
- Lean Startup Machine (2012)
- At M&I/Partners: Sales & Communication, Image Training, Personal Branding, Inverted Pyramid Writing, Personal Effectiveness, EPG Workshop Moderating, Mind Mapping
- At Devote and Ordina: Microsoft SQL Server, VB.NET, UML, Enterprise Architecture, XML

Education

2005 - 2008: Master of Science in Economics and ICT, Erasmus University Rotterdam

Average grade 9.3 out of 10, internship for Master's Thesis at M&I/Partners.

1996 – 2000: Bachelor of Science in Computer Science, Rotterdam University of Applied Sciences
Average grade 9 out of 10, specialization in Interactive Multimedia at Willem de Kooning
Academie, internship for Bachelor's Thesis at Aruba Bank.

Languages/Other

Languages: Dutch (native), English (Bilingual proficiency), German (Intermediate proficiency) and Spanish (Elementary proficiency).

Voluntary work: organizer of Privacy Cafe meet-ups at Bits of Freedom (until 2015), chairman of Stichting Toptennis ALTA in Amersfoort (until 2011).