

Katherine Wyers

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Summary

Technical leader in digital transformation with over 15 years of experience delivering data systems across humanitarian, NGO, and commercial sectors. Specialist in digital identity systems and digital public infrastructure, with a PhD examining how government data systems can be designed to avoid exclusion of marginalized populations. Experienced in leading software teams and managing complex, multi-stakeholder projects, including refugee data systems and startup environments. Brings a unique combination of engineering depth, research insight, and a commitment to inclusive, ethical technology.

Skills: Identity data, Software engineering, Management, Qualitative research, Data analysis, LGBTQ+ identities, Java, C#, PHP, VBA, React.

Professional Experience

Digital Identity Infrastructure Researcher, University of Oslo, Sep 2021 – Apr 2026

Examined how transformation of government data infrastructure in complex, multi-stakeholder environments can take place without leading to the exclusion of marginalized people. Worked closely with non-technical stakeholders in health and welfare, civil society, and members of the transgender communities. Published a doctoral thesis and six academic articles on identity data, health informatics, personal data, and government handling of identity data.

Senior Software Engineering Consultant, Freelance Consulting, Mar 2017 – Aug 2021

Delivering data and digital solutions across multiple international NGOs, with a focus on refugees and vulnerable populations. Work spanned Thailand, Myanmar, and South Africa, supporting the design and implementation of data systems in health, education, and medical research.

- *Engineering Technical Consultant, United Nations (May 2021 – Aug 2021):* Trained a geographically distributed software development team for a UNESCO project in South Africa deploying an open-source education management system.
- *Senior Software Engineer, M-FUND Thailand (Oct 2019 – Apr 2021):* Managing software delivery in a geographically distributed team. Building systems handling identity data for refugees and internally displaced migrants in Myanmar.
- *Senior Software Engineer, Shoklo Malaria Research Centre, Thailand (Jul 2018 – Sep 2019):* Developing internal software systems for medical research and clinical practice in a low-resource context. Managing software delivery by an in-house development team.
- *Refugee Data Management Consultant, Thailand & Myanmar (Mar 2017 – Jun 2018):* Worked with World Education and Save the Children. Delivered data management solutions to support education, health, and identity management. Liaising with non-technical stakeholders. Projects funded by USAID and the European Commission

Founder CEO and Technical Lead, MelodyCollege.com, Nov 2013 – Jan 2017

Founded an eLearning company. Full-stack web-development, digital marketing and human resources. Built a global network of teachers and students in nine countries.

Founder and Developer, DublinJazz.ie, Jul 2011 – Oct 2013

Founded a web-marketing platform linking creative artists with their audiences. Full-stack development.

Education

PhD Informatics, University of Oslo, 2025

- Information systems, Digital Public Infrastructure, Identity data

MSc Software Engineering, University of Hertfordshire, 2019

- Java, PHP, Scrum, Agile, Waterfall, Project Management, Database design, Testing

MA (Res) Music Composition, Waterford Institute of Technology, 2011

- Sound synthesis, Algorithmic computer music

BA (Hons) Jazz Performance, Newpark Music Centre, 2008

BA (Hons) International Hospitality Management, University of Wales, 2004

Other Professional Qualifications

- 120 hours Pedagogy Course: Foundations in University Pedagogy, University of Oslo, 2024
- Digitalisation, Health, and Society: Centre for Development and the Environment, University of Oslo, June 2022
- Global Health Informatics to Improve Quality of Care, MIT Online, 2017
- Health Informatics on FHIR, Georgia Institute of Technology Online, 2016

Awards

- Best Paper Award: Scandinavian Conference on Information Systems, 2025
- Best Reviewer Award: Academy of Management Annual Meeting, 2024
- Outstanding Distinction Award: University of Hertfordshire Board of Examiners, 2018
- Nominated for Student of the Year: University of Hertfordshire, 2018

Research Projects

- Diversity Minimal Item Set (DiMIS): Lead by Charité, Universitätsmedizin Berlin
- Digital Technology and Gender Justice: Lead by University of Gothenburg, Sweden
- Digital Technology and Identity in ICT4D: Lead by University of Agder, Norway

Languages

English (native), Dutch (fluent), German (conversational), French (conversational), Hindi (basic)