Curriculum Vitae, CV

Copenhagen, Denmark, August 27th 2026

Civil Engineer (MSc) Geologist (BSc) IT Developer	Danish Citizen
Project Manager Water & Infrastructure	Technical / Scientific Field Work Multidisciplinary approach to tech and nature
Meticulous Approachable Authentic Inventive Strong follow-through	Royal Danish Marine Corps: - Advanced First Aid - Firefighter / Smoke Diver PADI Open Water Diver - 30 m Driving License A+B (motorbike and car)

Kim Christopher Nielsen

Copenhagen, Denmark

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Please also refer to the visual overview on the last page.

Selected Professional Experience

2021-2022 Founder

StrateGIS (startup)

Development of GIS-based tools for long-term infrastructure planning

2019-2021 Project Manager

MOE A/S, Næstved, Denmark (Portfolio: Infrastructure)

Project Manager for major wastewater and infrastructure pipeline projects

Pipeline crossings under railways — comprehensive risk assessments, regulatory applications, permitting and execution

Water quality sampling programme for municipal water supply (5-year EU procurement of laboratory services)

2016-2017 Head of Water Supply

Vand og Affald A/S, Svendborg, Denmark (Portfolio: Water Supply)

Project Manager for major strategic infrastructure projects

Island-wide water and emergency supply strategy for Tåsinge — scenario development, coordination and AQUIS modelling

Long-term groundwater resource planning for Svendborg Municipality — identification of new abstraction areas and well fields through geological and hydrogeological investigations, with 5–100 year supply horizons

Redevelopment of Svendborg balancing tank to 5,000 m³ — project definition, new pumps and SCADA, development and tender

2010-2016 CTO (DKK 180m/year)

Forsyningen Allerød Rudersdal A/S, Holte, Denmark (Portfolio: Wastewater)

Head of Infrastructure	Wastewater infrastructure - CCTV inspection (100+ km/year), new mains installation, cured-in-place pipe lining and pipe bursting (DKK 60m/year, ~5,000 people/year)
Head of Modeling	Development and calibration of sewer network model for Rudersdal - hydraulic capacity under changing rainfall patterns and sea-level rise, supporting infrastructure planning
Head of IT	Design, tender and implementation of new secure IT, telecommunications, fiber and SCADA infrastructure across the entire utility (1.5 year ROI, ~80% reduction in annual O&M costs)
Head of Internal Audit	Directly reporting to the Board, with responsibility for internal oversight across all companies in the group (DKK 250m/year). Annual review of major expenditure and suppliers, including competitive pricing, procurement process and commercial justification.
Head of Climate Adaptation	Development and implementation of climate adaptation and infrastructure renewal strategy, including hydraulic modeling and storm water management

2008-2010	**Consultant**	**NIRAS, Allerød, Denmark (Geologist / Geotechnician / Environmental Engineer / Project Manager)**
		Investigation and remediation of contaminated soil and groundwater — field investigations, sampling, geological interpretation and contractor coordination
		Kuala Lumpur Water Board — city-wide water-loss reduction: field survey, network mapping, database development and leak-reduction planning
2003-2008	**Geologist**	**COWI, Lyngby, Denmark (Geologist / Geo-technician / Engineering Trainee)**
		Geophysical surveys for groundwater exploration and depth mapping - Geonics PROTEM/57 and Geonics EM31
		Metal detection for landmine clearance - Geonics EM61
		Pore-air sampling for solvent and hydrocarbon detection - Mobile GC-MS
		Seismic surveys for groundwater exploration — field acquisition and geophone deployment - using modified Unimog
2001-2003	**IT Developer**	**Freelance IT Developer, Berlin, Germany**
		Independent development of end-to-end IT solutions spanning hardware, web, software, databases, servers, multimedia and electronic control systems
	Hardware	Electronic prototyping, PCB development and control systems
	Web & Software	Application development, databases, GIS, multimedia and community platforms
	Infrastructure	Linux servers, networking and electronic control systems

Educational Background

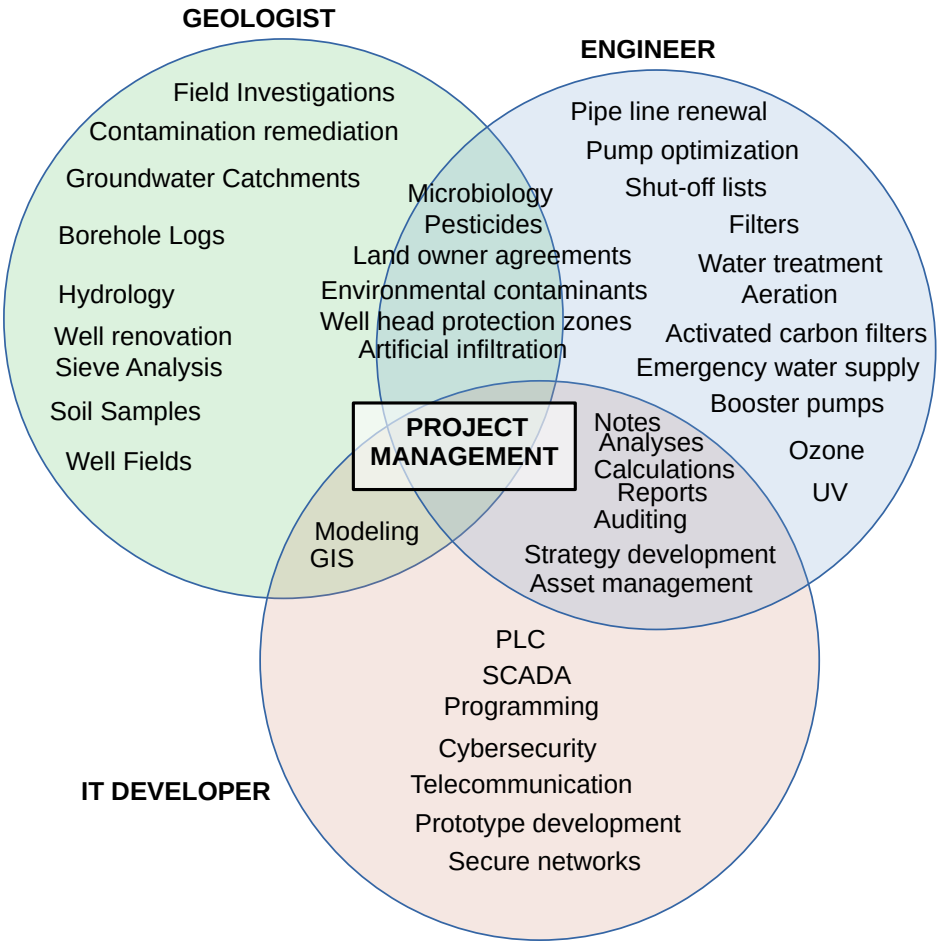
2003-2008	**Civil Engineer**	**Technical University of Denmark (DTU), Lyngby [MSc. | Cand.Polyt.]**
	Thesis	Microbiological Removal of ^{14}C-marked Pesticide During Infiltration in Sand Filter
	Project	Water quality investigations during artificial infiltration through microbiological sand filters
	Self studies	Studies on-site in England of slow sand filtration: literature review, interviews, field investigations (Thames Water, Cambridge University, Oxford University)
	Master classes	Mathematics, thermodynamics, electromagnetism, mechanics
		Hydrology, water supply, hydro-geological modeling, integrated water management
		Groundwater geochemistry, environmental chemistry, eco-toxicology
		Environmental and Integrated Water Management (IWRM) in Developmental Countries
		Microprocessor Programming (C++)
2000-2001	**IT Developer**	**Multimedie Instituttet (MMI),Copenhagen**
		Project planning / management and Multimedia Development (programming/design)
	Final project	CityScope in Berlin, Germany: Multimedia control and presentation of long term panoramic photo series from historic and city transformational building sites
1995-1999	**Geologist**	**University of Copenhagen, Institute of Geology, Copenhagen [BSc.]**
	Master classes	Hydrogeology, geochemistry and environmental geology

Selected Courses

2022	**Seed collection**	**Course in seed collecting, seed improvement and seed management, Stevns**
		Beginners course for seed savers
2021	**Hydrology**	**Hydrologidag 2021, Odense, Denmark**
		Annual convention for Danish Hydrologists

2019	**Hydraulics**	**Foundational hydraulics, Ferskvandscentret, Silkeborg, Denmark** Pipe dimensioning of waste water networks and water level measurements in river systems
2016	**Pipe networks**	**AQUIS at NIRAS, Aarhus, Denmark** Introduction of newest version of modeling suite Aquis
2012	**Auditing & Tendering**	**Internal Auditing and Tendering at Horten Advokater, Hellerup, Denmark** Laws and regulations related to internal auditing and tendering for utility companies
2011	**CCTV**	**CCTV inspection of waste water networks and wells, Teknologisk Institut, Taastrup, Denmark** Course in the DANVA data model for indexing of physical condition (DANDAS)
2010	**Project Management**	**Project Management, Organization and Business Acumen, DTU, Lyngby** Course in Project Management, Organizational Development, Change Processes, Asset Management and Business Acumen
2009	**Water Supply**	**World History of Water Management, UNESCO-IHE, Delft, Netherlands** Course on the Historical Development of Water Supply and Water Management Systems though the Ages. Physical and Administrative Developments.

Various Projects

2022	**Board Member**	**Frøsamlerne (Seed Savers - Denmark)** Assistant Board Member
2021	**Course**	**AKA StartUp Entrepreneur Incubator, Copenhagen, Denmark** Redevelopment of Business Idea "StrateGIS"
2020	**IT Developer**	**Grundejerforeningen Tjørnely, Tårnby, Denmark (IT Developer)** Development of new GDPR compliant webpage for larger homeowners association in TYPO3 CMS
2019	**Site Manager**	**UCB Denmark, Copenhagen, Denmark (Engineer)** Project and contractor management for a new headquarters for a media company.
2010	**Consultant** Project Manager	**Regional Municipality of Bornholm, (Environmental Engineer / Geologist)** Remediation of environmental contamination (oil-contaminated soil and groundwater) Development of a strategy for the long-term protection and security of drinking water resources for the Regional Municipality of the island of Bornholm.
2008-2015	**Founder**	**Labitat, Frederiksberg, Denmark (Co-founder, Board Member & Treasurer)** Denmarks first makerspace
2003-2008	**IT Developer**	**DTU-LUG – Linux User Group of the Technical University of Denmark, Lyngby** Development and use of the open-source Linux operating system, as well as organizing technical and professional events.

Professional Profile – Visual Summary