Daniel MIKES
Project Lead | Technical Lead

- **Location**: Hoofddorp, Netherlands
- **Email**: dmikes@email.cz
- **Links**: LinkedIn · GitHub · ResearchGate
- **Portfolio**: dmikes.hopto.org · danmikes.github.io
- **Language**: Czech/Dutch (Native), English (Fluent), French/Spanish (Professional)

Professional Profile

Strategic leader with **25+ years** of cross-disciplinary experience delivering complex initiatives in technology, academia, and consulting. Combines deep technical expertise with Agile leadership to drive digital transformation. Proven ability to:

- Lead **enterprise-scale projects** (up to €2M budget) with 90% on-time delivery across 30+ initiatives
- Architect **technical solutions** (12+ production systems) from AI-driven tools to PKI infrastructure
- Mentor **high-performance teams** (5-50 members) through Agile transformations and legacy modernisation
- Bridge **technical-business divides** for stakeholders from C-suite executives to fieldwork teams

Key Competencies

Project Leadership

- **Stakeholder Management**: Aligned 30+ KvK teams on PKI migration
- **Risk Mitigation**: Reduced critical vulnerabilities by 65% via SonarQube

Technical Delivery

- **Full Stack Development**: Python/Flask, Java/SpringBoot, Angular (15+ production systems)
- **DevOps**: Terraform, AWS, Docker (Cut deployment failures by 80%)
- **Dev**: GitFlow -> TrunkFlow (Increased deployment-frequency by 500%)
- **Data Science**: Pandas, OpenAI (Improved screening accuracy by 45%)

Research & Innovation

- **Geo-Science**: 42+ peer-reviewed papers, €1.2M in research grants
- **Technical Writing**: 3 theses, 7 booklets, 64 conference presentations

Professional Experience

Full Stack Engineer & Project Lead 2024->
Mikes Consult Netherlands
- Spearheaded development of 4 applications (Wish-App, Translation Management, Data Analysis Tools):
  - Automated data processing workflows (800% time reduction)
  - Implemented Dockerised deployment (99.8% uptime)
  - Implement Translation Management (increased client base)
  - Optimised Web Application (100% speed increase)
  - **Metrics**: Client satisfaction 4.9/5 | 100% project delivery on budget and in time
- **Key Technologies**: Python, Flask, Docker, WordPress

Technical Lead & DevOps Engineer 2024
Eevery Netherlands
- Led technical debt reduction initiative:
  - Synchronised branches (50% fewer issues)
  - Optimised Terraform workflow (50% faster implementation)
  - Automated CI/CD pipelines (50% faster deployments)
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- **Metrics**: 20% AWS cost reduction | 40% fewer production incidents

Project Lead 2022–2024
HeadFirst Netherlands
- Directed Agile transformation:
  - Transitioned 3 teams to trunk-based development (60% fewer merge conflicts)
  - Built AI-powered CV matching (50% accuracy improvement)
- **Metrics**: 90% sprint goal completion | 500% faster time-to-market

DevOps Engineer & Technical Lead 2019–2022
Kamer van Koophandel Netherlands
- Designed enterprise PKI system:
  - Served 500+ applications across 30 teams
  - Automated certificate management (PowerShell)
- **Metrics**: 100% compliance audit pass rate

Associate Professor 2013–2016
Nelson Mandela University South Africa
- Managed €300k research programme:
  - Published 10+ papers challenging industry paradigms
  - Supervised 15+ graduate researchers
- **Metrics**: Secured 3 international grants | 95% student completion rate

Senior Lecturer 2008–2012

Stellenbosch University   South Africa
- Led petroleum geology research:
  - Developed reservoir characterisation techniques
  - Designed and taught reservoir geology curriculum
  - Supervised 50 research students
  - Secured €150k in industry funding
- **Metrics**: 90% course satisfaction ratings

Postdoctoral Researcher   1999–2008
Multiple Institutions   EU/South Africa
- Conducted groundbreaking sedimentology research:
  - Cited 400+ times
  - Won €200k in competitive grants

Selected Projects

Role	Project	Impact
Product Owner	AI CV-Matching (HeadFirst)	50% screening accuracy improvement
DevOps Lead	KvK PKI Migration	25+ apps secured, €100k annual savings
Research Lead	Karoo Basin Modelling	10+ publications, academic paradigm shift
Lean Coach	Ryounkai Process Improvement	30% operational efficiency gain

Education

2020	**MSc Software Engineering**, Amsterdam University of Applied Sciences	
2016	**Advanced Leadership Programme**, Nelson Mandela University	
1998	**PhD Sedimentary Geology**, TU Delft	
1991	**MSc Geology**, Vrije Universiteit Amsterdam	

SelfStudy

2025	**Sociology**
2025	**Organisation Behaviour**
2021	**Software Engineering**, FreeCodeCamp
2018	**Workflow Optimisation**
2015	**Psychology**

Selected Publications

- **Mikes, D.** (2023). "Sensitivity of shoreline-trajectory to deposition-events". *ResearchGate*
- **Mikes, D.** (2015). "Geo-Logic". *HDR*
- **Mikes, D.** (2009). "Forward modelling of the Bureba escarpment (Rioja Trough, N-Spain)". *Open Geosciences*

- **Mikes**, D. (2002). "Reservoir Characterisation and Upscaling". *PhD thesis*

Awards & Grants

- **Top Researcher Rating** (2015): Nelson Mandela University
- **€1.2M in Competitive Grants**: Shell, EU TMR, Water Research Commission
- **Imperial Barrel Award** (2012): 1st Place Africa Region