

Daniel MIKES

Project Lead | Technical Lead

- **Location:** Hoofddorp, Netherlands
- **Email:** dmikes@email.cz
- **Links:** [LinkedIn](#) · [GitHub](#) · [ResearchGate](#)
- **Portfolio:** [Flask](#) · [React](#) · [Svelte](#)
- **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** between 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

IT Consultant

2025→

Mikes Consult

Netherlands

- Advised platforms (Pearson & Partners, LaughNCode, CodeBlauw):
 - Project planning
 - User experience feedback
- **Key Expertise:** Advice, Feedback

Full Stack Engineer & Project Lead

2024–2025

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	Philosophy (Material Dialectic
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