

# ARASH MIRSHAH

Cognitive Science & Artificial Intelligence Graduate | AI, Cloud & Agile Solutions

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## Profile summary

BSc Cognitive Science & AI. SAP developer with end-to-end delivery experience and practical ML/DL project leadership. Skilled in data preprocessing, model prototyping (PyTorch/TensorFlow), and enterprise integrations — ready to upskill rapidly in MLOps, cloud deployment and production monitoring.

## Work experience

### SAP Developer (2025 - 2025)

Stedin, Rotterdam

- Rebuilt the SalesOpportunity integration: migrated the API implementation from an SAP iFlow (Integration Suite/CPI) to a native ABAP class, simplifying the integration landscape and centralizing logic inside SAP.
- Collaborated with product owners and tech lead to create a maintenance program, reducing manual intervention in order processing.
- Contributed to cloud-migration activities, API governance, and sprint reviews to ensure reliable delivery and continuous improvement.

### SAP Trainee (2024 - 2025)

ITrainee, 'S-hertogenbosch

- Built foundational knowledge of enterprise IT landscapes and system integration.
- Delivered small-scale projects and technical prototypes aligned to business needs.
- Applied Agile practices within trainee teams; improved communication between technical and business stakeholders.

### Student Recruiter (2022 - 2024)

Tilburg University, Tilburg

- Presented to diverse audiences and acted as primary contact for prospective students.
- Organized events and strengthened stakeholder engagement; developed presentation and persuasion skills.

### Tilburg University Challenge - Technical Lead (2024 - 2024)

Tilburg University, Tilburg

- Reached the Grand Finale (Top 7 teams) in the Ideation category with DressVue, an innovative AR wardrobe app, and delivered a convincing pitch to the jury using insights from 10+ user interviews.
- Served as the technical lead in a multidisciplinary team: translated user and business requirements into technical solutions, conducted an AR feasibility study, designed Figma prototypes, and managed the project using Miro (Kanban).

## Skills

- Enterprise IT & Integration: SAP ABAP development, SAP Integration Suite, API development, Postman
- Agile & DevOps: Scrum, SAFe, Continuous improvement, Iterative delivery
- AI & Data Science: Machine learning, Deep learning, Data analysis, Human–computer interaction, Large Language Models (LLMs)
- Cloud & Digital Transformation: Cloud migration, Process automation, Digital platforms
- Leadership & Communication: Stakeholder management, Presentation skills, Cross-cultural collaboration
- Research & Innovation: Immersive VR (CAVE systems), Applied AI, Experimental design & data analysis (R & Python), Design Thinking

## Certificates

- **Certified SAFe® Practitioner,**
  - Credential ID: 84695633-6023Scaled Agile, Inc.
- **[DevOps Essentials](#)**
  - Credential ID: 126059396Professional Designations
- **[Entrepreneurial Literacy Initiative 2024](#)**
  - Credential ID: gc1D10WGSY66u7AlaX2ZZwTilburg University
- **Studium Generale Certificate**
  - Credential ID: 07-22Studium Generale Tilburg
- **[Disaster Risk Monitoring Using Satellite Imagery](#)**
  - Credential ID: 2aziCLmkRe6fLJ-EIA97ogNVIDIA Deep Learning Institute

# **Education**

## **Cognitive Science & Artificial Intelligence (BSc)**

Tilburg University (2021 - 2024)

- Gained expertise in Machine Learning, Deep Learning, Computational Linguistics, Computer Vision, Linear Algebra, Calculus, and Human-Computer Interaction.
- Investigated how insights from human cognition can be applied to create more user-friendly algorithms and digital platforms.
- Developed strong analytical and programming skills (Python, data analysis, AI prototyping) through hands-on projects.
- Tools & libraries: Python (NumPy, pandas), scikit-learn, PyTorch, TensorFlow/Keras, Hugging Face Transformers, Jupyter, Matplotlib/Seaborn.
- Collaborated on interdisciplinary innovation research and challenges, strengthening teamwork, communication, and problem-solving abilities.
- Bachelor thesis: Investigated how immersive virtual reality (CAVE system) can evoke feelings of awe during space-travel simulations (SpaceBuzz educational program).

## **Health Sciences (Unfinished)**

Erasmus University (2020 - 2021)

- Completed 33/60 ECTS in first-year courses.
- Gained experience addressing health issues from biomedical, psychological, and organizational perspectives.
- Performed data analysis in R on Dutch COVID-19 policy data to evaluate the effectiveness of government measures.

## **VWO Diploma (Natuur & Gezondheid + Natuur & Techniek)**

RSG 't Rijks (2013 - 2020)

- Profile: Nature & Technology (+ Biology, Economics, and mathematics A)

# **Languages**

Dutch - Native

English - C2 (Fluent)

Farsi/Persian - B2 (Intermediate)