JI DARWISH

Ji is a Software Engineer with a BCs in Computer Science & Engineering from TU Delft and a MSc in Artificial Intelligence from Utrecht University. With years of experience in software engineering, he focuses on solving real-world software and data problems, while maintaining a strong interest in AI, education, and emerging digital policy. He is particularly drawn to questions around EU sovereign tech, AI alignment, and how to build systems that are not only capable, but also compliant, trustworthy, and grounded in human values. Driven by the belief that technology, when built thoughtfully, can be a genuine force for good, Ji is passionate about the role AI can play in improving learning experiences and advancing society responsibly.

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EXPERIENCE

Lunatech / Client automotive industry — *Nov 2025 — present*

Software Engineer

Connected-vehicle data platform ingesting real-time sensor data from ~1.5M vehicles. Maintain pipelines end-to-end, investigate issues under tight windows, and ensure data flow meets agreed downstream KPIs.

`Scala · Pekko · Kafka · Kubernetes · Helm · FluxCD · Jenkins · Docker`

Lunatech / Risk Control industrial inspections — *Oct 2021 — Nov 2025*

Software Engineer

Scala / Play / PostgreSQL platform for industrial inspections, serving enterprise customers. Delivered complex features, contributed to architecture design, and partially modernised the legacy codebase without disrupting feature delivery.

`Scala · Play · PostgreSQL · Elasticsearch · GitHub Actions`

UbiOps Dutch MLOps platform — *Oct 2020 — Oct 2021*

Python Backend Engineer

Backend engineering on an MLOps platform for managed model serving and pipeline orchestration. Shipped platform features and demo integrations with popular ML frameworks, used as onboarding examples.

`Python · scikit-learn · TensorFlow · PyTorch · HF Transformers · MLflow`

Mule p2p delivery startup — *Apr 2020 — Jan 2022*

Co-founder & Lead Developer

Sole technical founder. Owned the product roadmap and shipped v1.0 of the mobile app to both app stores, then ran A/B testing on the live product to validate the market hypothesis.

`Flutter·Dart·Postgres`

HackYourFuture Amsterdam coding school — *Dec 2019 — Jan 2023*

Instructor

Coding school training refugees and newcomers to become developers. Taught/assisted the MySQL and JavaScript / Node.js / React modules, prepared teaching content and reviewed student homework.

`Teaching · JavaScript · Node.js · React · MySQL`

GeriMedica EHR for Dutch hospitals — *Jun 2018 — Sep 2020*

Software Developer

Junior developer on an EHR platform used by Dutch hospitals. Shipped feature work on the core product and built Python analytics dashboards translating raw care data into views frontline health professionals could use.

`Java · Spring Boot · Python · FastAPI · Docker · Kubernetes`

SKILLS & EDUCATION

SKILLS

- Scala
- Python
- TypeScript
- Java
- Kafka / Pekko
- Kubernetes
- PostgreSQL
- PyTorch / DL
- LLMs / Transformers

EDUCATION

MSc, Artificial Intelligence — *2025*
Utrecht University

BSc, Computer Science & Engineering — *2021*
Delft University of Technology

Propedeuse, ICT Systems & Network Engineering — *2018*
Amsterdam University of Applied Sciences

LANGUAGES

Arabic — *native*

Dutch — *native*

English — *fluent / professional*

SPEAKING

Intro to ML for software engineers — *2025*
JNation
Two-hour deep dive into supervised learning, the ML lifecycle and tooling (scikit-learn, MLflow) — for engineers who want to move past the buzzwords.

How to see in the black box — *'25 · '26*
Hackfest · OXConf
Documented evidence of emergent alignment failures in frontier models, paired with mechanistic-interpretability breakthroughs that for the first time trace a model's reasoning circuits.

Just add a little AI — *2025*
Joy of Coding
A witty dive into AI-washing — absurd examples of how startups and tech products use “AI-powered” as a shortcut to credibility.

First IoT project — *2025*
LunaConf
Building a burglar-alarm system with a Raspberry Pi Pico 2.