



Matin Khajehfard

Software Engineer (Fullstack)

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◦ Links ◦

linkedin.com/in/matin-khajehfard

github.com/Bloody-BadAim

SUMMARY

Software Engineer with 7+ years of coding across internships, coursework, and shipped projects. Build Vue and TypeScript web apps with REST APIs (Express, NestJS, Spring Boot) and SQL (PostgreSQL, MySQL). Strong build ship operate discipline: auth, testing, deployments, and debuggable systems.

SKILLS

Frontend

Vue.js, TypeScript, JavaScript, HTML/CSS

Backend

Node.js, Express, NestJS, Java (Spring Boot), REST APIs, PostgreSQL, MySQL, Prisma, JWT, OAuth, Sessions

Data/AI

Python, FAISS, HuggingFace embeddings, Chunking, Metadata traceability

Automation

n8n, Power Automate, Zapier

Testing/Tooling

Cypress, Vitest, Git, ESLint, Render

EXPERIENCE

Fluor Corporation

Automation specialist/ Software Engineer Intern

Hoofddorp

Sep 2025 – Jan 2026

- Implemented event driven change logging for PDM pipeline objects, generating structured audit entries per change event (STIBO STEP, JavaScript business rules)
- Designed and configured an audit data model using object types, references, and attribute groups to store consistent change history (STEP configuration)
- Built snapshot diff logic to detect attribute level changes with safe fallbacks to reduce false positives (STEP event processing)
- Configured Web UI screens, mappings, and table views to surface audit logs per object for operational debugging (STEP Web UI)
- Delivered both per pipeline and aggregated audit log views for centralized traceability across pipelines in scope (STEP Web UI)
- Added custom logging and documentation to support reliable troubleshooting in a legacy enterprise environment (debug utilities, evidence pack)

PROJECTS

VoteVision (Dutch Election Results Viewer)

- Built a full stack app to explore election results (region, party, candidate) and discussion flows (Vue, Spring Boot, MySQL)
- Implemented moderation mechanics (reporting, banning) and Cypress E2E tests for critical flows (Cypress, Render)

Vue, Spring Boot, MySQL, Render, Cypress

🔗 <https://github.com/Bloody-BadAim/Election>

Gshop (LucaStars Webshop)

- Delivered a full stack webshop with Lit Web Components and an Express API backed by MySQL (TypeScript, Lit, Express, MySQL)
- Implemented JWT based auth patterns and maintainable controller and service structure aligned to testability (JWT, Vitest)

TypeScript, Lit, Express, MySQL, JWT

🔗 <https://github.com/Bloody-BadAim/Gshop>

EKB AI

(PDF to Vector Semantic Search)

- Built a PDF ingestion pipeline that creates FAISS vector stores for semantic search with source and page traceability (Python, FAISS)
- Implemented NL to EN processing and settings-driven chunking and retrieval parameters for consistent indexing (Argos Translate, config)

Python, FAISS, HuggingFace

🔗 <https://github.com/Bloody-BadAim/EKB-AI>

LEADERSHIP

AI Marathon (HvA Centre of Expertise Applied AI)

Program Lead

Apr 2025 to Present

Amsterdam, NL

- Led the 2025 to 2026 program: 7 labs, 9 events, 9 study associations, coordinating stakeholders and delivery operations
- Designed standardized intake and scoping workflow plus event templates to enable repeatable delivery (MS Forms, Teams)

🔗 <https://linktr.ee/COEAAI>

SIT (ICT Study Association)

Board Member

Sep 2024 to Sep 2026

Amsterdam, NL

- Coordinated student ICT initiatives and events across the HvA ecosystem (planning, execution, stakeholder alignment)
- Supported partnership and sponsorship outreach with clear ownership and follow-through (partners, sponsors)

🔗 <https://svsit.nl/>

EDUCATION

Amsterdam University of Applied Sciences (HvA)

HBO-ICT, Software Engineering

Bachelor

Sep 2023 to Jun 2027

Nova College

Software developer

MBO-4

Sep 2020 to Jun 2023

LANGUAGES

Dutch

(professional)

English

(professional)

Persian/Farsi

(native)