Matin Khajehfard
Software Engineer (Fullstack)

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🔗 https://portfolio-etercx1n4-bloody-badaims-projects.vercel.app
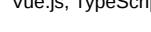
Links

 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.
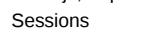
SKILLS

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 — Sep 2025 – Jan 2026
Automation specialist/ Software Engineer Intern — Hoofddorp

- 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)
🔗 https://github.com/Bloody-BadAim/Election

- 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

Gshop (LucaStars Webshop)
🔗 https://github.com/Bloody-BadAim/Gshop

- 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

EKB AI
(PDF to Vector Semantic Search)
🔗 https://github.com/Bloody-BadAim/EKB-AI

- 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

LEADERSHIP

AI Marathon (HvA Centre of Expertise Applied AI) — Apr 2025 to Present
Program Lead — Amsterdam, NL
🔗 https://linktr.ee/COEAAI

- 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)

SIT (ICT Study Association) — Sep 2024 to Sep 2026
Board Member — Amsterdam, NL
🔗 https://svsit.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)

EDUCATION

Amsterdam University of Applied Sciences (HvA) — Sep 2023 to Jun 2027
HBO-ICT, Software Engineering — Bachelor

Nova College — Sep 2020 to Jun 2023
Software developer — MBO-4

LANGUAGES

Dutch
(professional)

English
(professional)

Persian/Farsi
(native)