

Kiarash Delavar

Software Engineering Student | Robotics Intern at SMART Lab



✉ kiarash.delavar@gmail.com ☎ +31 6 17174048

📍 Slangenburg 327, 7423 ZN Deventer 🌐 github.com/kiarashdelavar

LinkedIn linkedin.com/in/kiarash-delavar 🌐 <https://kiarashdelavar.com>

Profile

Software Engineering student at Saxion University of Applied Sciences and Robotics Intern at SMART Research Group working on real robot motion safety challenges using ROS2, MoveIt2, and C++. I combine software engineering with robotics to solve practical problems and build reliable, testable systems. I learn fast, work well in technical teams, and enjoy taking ownership of real engineering tasks. Whether it's robotics, embedded work, or full-stack development, I like turning complex problems into clean, working solutions.

I'm looking for a full-time internship in Software Engineering, DevOps, Full-Stack Development, Embedded Systems, and Robotics, or a part-time job where I can contribute to real projects, improve my skills, and add value from day one.

Employment

Robotics Intern, Smart Mechatronics And RoboTics (SMART) Research Group ↗

11/2025 – Present

- Improving robot safety using ROS2, MoveIt2, and C++, reducing motion anomalies by 30% by addressing overshooting, sudden acceleration, and trajectory instability, optimizing motion profiles.
- Validating safe robot behavior by building ROS2 test nodes and analyzing real-time logs, running 30+ tests, and collaborating with researchers.

Co-Founder | CEO, Novara ↗

10/2025 – Present

Leading the development of an AI-powered SaaS platform designed to help freelancers and SMEs manage tasks, invoices, and daily operations more efficiently. Responsible for system architecture and full-stack development, turning product ideas into scalable and working features.

Deventer, Netherlands

Student Assistant, Saxion University of Applied Sciences ↗

05/2025 – 12/2025

Assisted first-year students with assignments and study questions

Deventer, Netherlands

Education

BASc, Software Engineering (HBO-ICT), Saxion University of Applied Sciences ↗

09/2024 – Present

Activities:

Deventer, Netherlands

1- Novel-T Entrepreneurial Summer School 2025 (Tweente University) ↗

2- Member of Honours Community ↗

3- Academic engineering projects (Github portfolio) ↗

4- E³UDRES² Intensive Programme Design Thinking & Prototyping Lab-St. Pölten ↗

Skills

Programming Languages:

Python, C++, C#, Java, JavaScript/TypeScript, SQL

Tools & Cloud:

Docker, Git/GitHub/GitLab, Linux/Ubuntu, AWS, Microsoft Azure, Supabase, PostgreSQL, SQLite, Playwright, Bitbucket, Warp

Frameworks & Web:

Next.js, React, Svelte, Tailwind CSS, Node.js, Express.js, FastAPI, Spring Boot, JUnit, Three.js, Vue.js

Robotics:

ROS2, MoveIt, Robot Kinematics, RViz, EGM, OpenCV

Languages

Persian (Farsi)

Native

English

C1

Dutch

B1 (Actively learning)

Projects

IoT Telemetry & Anomaly Detection Platform ↗

02/2026 – Present

- Engineering a real-time data pipeline using Python and FastAPI, processing 500+ telemetry data points per second with sub-50ms latency.
- Developing an interactive 3D dashboard using Next.js and React Three Fiber, visualizing 6-DOF (Degrees of Freedom) robot motion in real-time at a stable 60 FPS.

Novara ↗

09/2025 – Present

- Building an AI-powered SaaS platform with Next.js, Supabase, Tailwind CSS, and a Spring Boot backend.

Project Acquisition Tool for Saxion ↗

11/2025 – 01/2026

- Developed a full-stack web application that enables clients to submit projects, students to explore assignments, and teachers to manage and assign projects through an integrated dashboard (Svelte, Node.js, Express.js).

Kiarash Cinema movie reservation website ↗

09/2025 – 10/2025

- Developed a full-stack movie reservation platform with real-time seat updates (SSE) and secure JWT-based authentication using Svelte, Node.js, and Express.js.

Railway Track Manager ↗

09/2025 – 10/2025

- Java-based Railway Track Manager that loads Dutch railway data and provides shortest routes, round trips, and MCST generation using custom data structures and algorithms (Dijkstra, Prim). Built with SaxionApp for visual output.

Certificates

Student Coaching Saxion ↗

Issue date: 10/2025

Advanced Google Analytics ↗

Issue date: 12/2023

Business Analytics Excel ↗

Issue date: 12/2023

Data Science Math Skills ↗

Issue date: 11/2023

Introduction Generative AI ↗

Issue date: 10/2023

Scientific Computing Python ↗

Issue date: 10/2023

Volunteering

Team Member ↗, Accenture Netherlands

11/2024 – 12/2024

Developed AI-driven sustainability solutions for Accenture's IRL Season 8 challenge.

Amsterdam,
Netherlands

Awards

Top Representative for " Calculus I " course, Energy High School
Recognized as top representative in Calculus I.

06/2022

3rd Place – Mabtakeran Chess Tournament, Mabtakeran Chess Academy
Achieved 3rd place in a regional chess competition.

08/2017

Interests & Hobbies

- Chess
- Startup & entrepreneurship
- Programming
- Building side projects
- Strength training & fitness
- Reading about technology & business