

Kiarash Delavar

Software Engineering Student | Robotics Intern at SMART Lab

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🌐 linkedin.com/in/kiarash-delavar 📅 Date of birth: 5th September 2004



Profile

Software Engineering student and Robotics Intern 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, or Robotics, starting in September 2026, 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 ABB GoFa robot safety using ROS2, MoveIt2, and C++. Investigating motion anomalies (overshooting, sudden acceleration, trajectory instability) and validating safe robot behaviour. Built ROS2 test nodes, analyzed real-time logs, and collaborated with researchers to optimize motion profiles and improve system reliability.
Enschede, Netherlands

Co-Founder | CEO, Novara [🔗](#) 10/2025 – Present
Leading the development of an AI-powered SaaS platform helping SMEs work smarter.
Deventer, Netherlands

Market Research Intern, Vienna Opera 11/2025 – 01/2026
Researched digital visitor tools (chatbots, voicebots, kiosks) and compared vendors (Zendesk, Tidio, Twilio, Intuiface). Evaluated integration with TYPO3, ticketing, and GDPR compliance to support modernization of visitor communication.
Vienna, Austria

Student Assistant, Saxion University of Applied Sciences [🔗](#) 05/2025 – 12/2025
Assisted first-year students with assignments, 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 [🔗](#)

High School Diploma, Mathematics and Physics, Energy High School 09/2020 – 06/2023
Graduated with a 12-year High School Diploma in Mathematics & Physics, with focus on advanced mathematics and problem-solving skills.
Mashhad, Iran

Skills

Python — Proficient

JavaScript — Proficient

Teamwork — Proficient

Git / Gitlab / Github — Proficient

Full-Stack Development — Proficient

Next.js / React.js — Proficient

Svelte — Proficient

MOVEit — Proficient

Microsoft Azure — Competent

Supabase — Competent

ASP.NET — Competent

Java — Proficient

SQL / PostgreSQL / SQLite — Proficient

C++ — Proficient

Bitbucket — Proficient

Tailwind CSS — Proficient

Node.js / Express.js — Proficient

ROS2 — Proficient

Robotics — Competent

Spring Boot — Competent

C# — Competent

AWS — Competent

Languages

Persian (Farsi)

Native

English

C1

Dutch

B1 (Actively learning)

German

A1 (Actively learning)

Projects

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

- Built a full-stack Project Acquisition Tool for Saxion that allows clients to submit projects, students to explore assignments, and teachers to manage and assign them through an integrated dashboard (with Svelte, Node.js / Express.js)

Kiarash Cinema movie reservation website [↗](#)

09/2025 – 10/2025

- Built a full-stack movie reservation website with Svelte, Node.js, SSE updates, and JWT authentication.

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.

Frog-Autonomous Navigation System [↗](#)

04/2025 – 06/2025

- Built an autonomous navigation system in Java using radar-based obstacle detection, real-time communication (SaSaCommunicator), a JavaFX mission GUI, and SQLite data logging.

Certificates

Cybersecurity for Everyone
University of Maryland [↗](#)
Issue date: Nov 2023

Data Science Math Skills [↗](#)
Issue date: Nov 2023

Advanced Google Analytics [↗](#)
Issue date: Dec 2023

Business Analytics with Excel
[↗](#)
Issue date: Dec 2023

Student Coaching Saxion [↗](#)
Issue date: Oct 2025

Introduction to Generative AI
[↗](#)
Oct 2023

Volunteering

Team Member [↗](#), *Accenture Netherlands* 11/2024 – 12/2024
Developed AI-driven sustainability solutions for Accenture's IRL Season 8 challenge. Amsterdam, Netherlands

Teaching Assistant, *Energy High School* 11/2021 – 06/2022
Volunteered as a teaching assistant for Calculus I. Mashhad, Iran

Awards

Top Representative for " Calculus I " course, *Energy High School* 10/06/2022
Recognized as top representative in Calculus I.

Semi-Finals of Accenture In Real Life Season 8 Challenge, *Accenture Netherlands* 01/12/2024
Semi-finalist for an AI-driven sustainability solution in Accenture's IRL Season 8 challenge.

3rd Place – Mobtakeran Chess Tournament, *Mobtakeran Chess Academy* 05/08/2017
Achieved 3rd place in a regional chess competition.