



CONTACT

EMAIL

nourinsahlabjix@gmail.com

PHONE

+90 539 557 7715

LOCATION

Istanbul, Türkiye

TECHNICAL SKILLS

Front-end

TypeScript, JavaScript, React, Next.js, Tailwind CSS, HTML5, CSS3

Back-end

Node.js, Java, Spring Boot, .NET, Python, Prisma, REST APIs

Data

PostgreSQL, MySQL, MongoDB, SQL

Tools

Git, GitHub, Chrome DevTools, Arduino, Unreal Engine

AI

NLP, generative-agent simulation, AI-assisted development workflows

LANGUAGES

Arabic	Native
English	Professional
Turkish	Professional

CERTIFICATIONS

AI Specialization Programme

National Technology Initiative · 2024 & 2026

Computer Operator, 163 h

Istanbul Esenyurt University · 2025

Academic Wellness Ambassador

Star Scholars / UNESCO Chair · 2025

Nourin Sahlabji

SOFTWARE & AUTOMATION · FULL-STACK DEVELOPER

Computer Engineering graduate building full-stack systems end to end, from relational schema to interface. Recent work spans web applications, a real-time multi-user product, and a year-long research and simulation project in ambient assisted living. Internship experience in IT support inside a live industrial plant and in web development. Works directly with clients in Arabic, English and Turkish.

PROJECTS

ADL Smart Home for Alzheimer's Safety & Caregiver Burden Reduction

2025 – 2026

Research project · team of 3

Unreal Engine · IoT · Finite-state modelling

- Designed the monitoring model around ambient, non-visual sensors only — no cameras or microphones — after the acceptance literature showed visual surveillance is where adoption fails.
- Modelled ambiguous sensor data as **evidence rather than proof** through a finite-state care rulebook, making every caregiver alert explainable; **8 of 8** test scenarios passed.
- Owned the care rulebook, the sensor model, and the research and literature review — roughly 40 peer-reviewed sources resolved into a stated gap.

JobPilot — AI job application platform

2026

Full-stack web application

Next.js · TypeScript · Browser automation

- Built job discovery over a REST API with model-scored matching against the stored profile, paginating and filtering server-side so the client never loads the full result set.
- Built a research agent on a managed cloud browser that reads an employer's own site and returns a structured dossier, replacing the manual tab-by-tab research before an application.
- Constrained every model call to a typed schema, so a bad generation fails validation rather than reaching the interface as prose.

Ghost AI — collaborative systems-design SaaS

2026

Multi-tenant real-time product

Next.js · Prisma · PostgreSQL · Liveblocks

- Built a real-time canvas on shared conflict-free state so several engineers and an AI agent edit one document with no merge step, the agent using the same typed operations a person does.
- Modelled the schema in Prisma over PostgreSQL and keyed collaborators by email, so a project can be shared with someone before they have an account.
- Enforced authorisation server-side, issuing room tokens only after a project-membership check — the socket handshake is the boundary, not the interface.

EXPERIENCE

IT Technical Support Specialist — Internship

JUL – AUG 2025

Al-Jubail HIT Factory (Salem Balhamer Holding)

Saudi Arabia

- Supported end users and internal systems in a live industrial production environment; assessed at **24 / 25** on the company's formal training evaluation.

Web Development Intern

SEP – DEC 2024

Istanbul Aydin University

Istanbul, Türkiye

- Built responsive interfaces with HTML5, CSS and JavaScript and back-end functionality with Spring Boot and MySQL, integrating third-party REST APIs.

Translator — English / Turkish / Arabic

FREELANCE

Istanbul, Türkiye

EDUCATION

B.Sc. Computer Engineering — English-medium programme

GRADUATED JUL 2026

Istanbul Aydin University, Faculty of Engineering

Istanbul, Türkiye

Natural Language Processing · Distributed Systems · Cloud Architecture · Database Systems · Software Engineering · Human-Computer Interaction