Arda Hadimioglu

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Summary

Industrial engineer, B.Sc. at Boğaziçi and M.Sc. at TUM, who builds software end to end. At Demirtag Consulting I digitalise Deutsche Telekom's internal contract processes, from the Angular frontend through Java services and Camunda workflows to SAP.

Next to that I build and run my own products: Niche Impromptu, a German speaking coach; Deklavis, AI review of customs documents; Gistleaf, an iOS notes app; and free logistics tools on ardahdmi.com. For each project I set up its own agent harness, with build, test and review layers. I do my best work close to the people who use what I ship.

Experience

Software & Automation Engineer

Feb 2024 – Present

Demirtag Consulting GmbH, Augsburg

- **Deutsche Telekom:** End-to-end digitalisation of internal contract processes, such as partial and full terminations, that staff used to do by hand in SAP. One flow replaces 7 to 12 manual bookkeeping steps. In a pilot with about 50 to 60 Telekom employees.
- **Across the stack:** Angular frontend, BFF, Java services, Camunda BPMN models and workers, SAP integration through OData, deployment on Kubernetes.
- **Allianz:** Wrote and maintained more than 1,500 automated Playwright tests in Jenkins for the cloud application used by all Allianz policy sellers, plus a script that files Jira bug reports from test results. Other teams still reuse the suite.

Stack Angular, Java, Camunda, SAP OData, Kubernetes, Playwright, Jenkins

Full-stack Developer

Aug 2021 – May 2022

MVST, Munich

Built React and NestJS web applications for client projects and deployed them with Docker on Heroku, AWS and GCP.

Founder

Sep 2019 – Mar 2021

Ekseriyet, Istanbul

Founded a data journalism site that turned public statistics into stories: two Python-driven data stories a week, more than 300,000 views.

IT and Production Systems Intern

Jun 2017 – Aug 2017

Fraunhofer IPK, Berlin

Built an assembly line model for bus production and data pipelines in R.

Education

M.Sc. Management and Technology

Oct 2020 – Oct 2023

Technical University of Munich

Grade 1.96

Thesis "Blockchain-based content monetisation and business models of a decentralised creator economy"

B.Sc. Industrial Engineering

Sep 2014 – Jun 2019

Boğaziçi University, Istanbul

GPA 3.61, German equivalent 1.39

Thesis "Location optimization for electric vehicle charging stations in Istanbul"

Skills

Languages	TypeScript, JavaScript, Python, Java, SQL, Swift, R
Frontend	React, Angular, Next.js, Astro, SwiftUI
Backend & data	FastAPI, Node.js (NestJS), PostgreSQL, MongoDB, REST, GraphQL
AI and LLM	LLM APIs, Whisper, RAG, LangChain, Zod, MCP
Agentic engineering	Agent harnesses, orchestration, tool integration
Process automation	Camunda, n8n, SAP OData
Infrastructure & testing	Docker, Kubernetes, Coolify, Cloudflare, AWS, GCP, Playwright, Vitest, Jenkins

Certifications

AWS Certified AI Practitioner

ISTQB Certified Tester Foundation Level

Lean Six Sigma Yellow Belt

Award

2nd place and a USD 75,000 prize

DFINITY Supernova Hackathon, 2022. Conshax, built in three weeks by a team of three, without AI assistance: I wrote the React frontend and the user logic in the Rust backend.

Languages

Turkish, native. English, C2. German, C1.