Onat Atmaca

Berlin, Germany
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Education

- **Technische Universität Berlin** — Berlin, Germany
  Computer Engineering – Bachelor's Degree (current focus) — *Oct. 2023 –*
- **Technische Universität Berlin** — Berlin, Germany
  Physics – Bachelor's Degree — *Oct. 2019 –*

Skills

- **Programming Languages**: Python, C, Java, Rust, TypeScript/JavaScript, SQL (T-SQL), Arduino
- **Industrial Software**: GE Proficy iFIX (SCADA), GE Historian, GE Operations Hub, OPC UA, SQL Server (stored procedures, linked servers), WinCC Unified
- **Systems & Networking**: OpenVPN, Pi-hole (DNS), Nginx (reverse proxy), Tailscale, Proxmox VE, TrueNAS, robocopy/SFTP automation, Windows Server administration
- **Development & Tools**: .NET / WinForms, Flask, React, Tauri, Git, Confluence
- **Hardware & Prototyping**: 3D modeling and printing (Bambu Lab A1), Arduino-based embedded systems
- **Languages**: Turkish (native), English (fluent), German (fluent)

Experience

- **ORmatiC GmbH** — Berlin, Germany
  Werkstudent – IT Administrator / Industrial Automation — *Aug. 2024 – Sep. 2026*

  ORmatiC develops SCADA and automation solutions for biogas plants worldwide. The role covered the design and maintenance of industrial data and IT infrastructure across multiple plant sites.

  - Setup, integration, and visualization of industrial data systems based on GE Proficy iFIX, Historian, and Operations Hub.
  - Development of multi-site data flows and reporting infrastructure via SQL Server and OPC UA.
  - Design and deployment of secure remote-access and networking solutions (VPN, DNS, virtualization) for biogas plants.
  - Support for internal IT operations and maintenance of office infrastructure.

- **Enote GmbH** — Berlin, Germany
  Assistant Musicologist — *July 2021 – May 2024*

  Enote is a music-technology company that digitizes classical sheet music and delivers it through an interactive platform. The role covered the digital expansion of score catalogs and the management of metadata processes.

  - Migration, cataloging, and metadata enrichment of large-scale classical music libraries onto the digital platform.
  - Automated a significant part of the sheet-music digitization workflow using Python-based tools and OMR (Optical Music Recognition), markedly reducing manual workload.
  - Contributed to analytical work on AI-assisted score analysis and classification methods; prepared internal reports to improve catalog consistency and search quality.
  - Improved the platform's accessibility and usability by integrating and reconciling score collections from diverse sources.

Projects

- **BeaconFind** Independent Project
  Local AI-Powered File Search Application (Windows) *2025 –*

  A privacy-first, fully local (on-device) AI-powered file search application built with Tauri, Rust, and React/TypeScript. Positioned as an alternative to solutions such as Microsoft Semantic Search and Curiosity AI; architecture, documentation, and market analysis carried out independently.

- **TransArt Collection** Startup Project
  Online Art Marketplace, www.transartcollection.com (Germany – Turkey) *2025 –*

  A cross-border online art marketplace, legally established as a *Kleingewerbe* (small business) in Germany, with Stripe/PayPal integration and fund transfers to Turkey via Wise. The technical infrastructure, payment integrations, and tax/operations workflow are designed by the founding partners.

- **morsemeplease.com** Personal Project
  Real-Time Morse Code Chat Platform

  A real-time Morse code chat application with global traffic, self-hosted on a personal home server in Berlin.

Berlin, Germany — November 6, 2026

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