Ata Onbas



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Profile

Software engineer with a background in banking software and a current focus on AI automation. I spent a year at VeriPark shipping loan, mortgage, and credit card modules for European and MENA banks, and now build workflow automations and LLM agents (Power Automate, n8n, Claude Agent SDK) for a private equity portfolio. Thesis due April 2027; available for full-time roles from January 2027. Currently, working part-time as an AI & Automation Working Student. Open to software engineering and automation/AI roles.

Experience

Lacus Legacy/bphs/Pharmacom | Private Equity AI & Automation Working Student **Jun 2026 – Present**

- Built "Edith", a web-based full-stack drug-pipeline research tool with an agentic AI deployed behind it: it researches suppliers of upcoming drugs every month and runs further research on demand when users ask. Edith helps management to acquire information about pipeline drugs for possible addition to portfolio.
- Built an n8n pipeline from PostgreSQL into the ordering workbook, giving the ordering team per-drug sales figures for the whole portfolio to support purchasing/stocking decisions.
- Automated the warehouse drug quota check with Power Automate, replacing manual & silent failures.

VeriPark | (Promoted) Software Developer & Associated Software Developer **Nov 2023 – Oct 2024**

- Built and shipped 5+ banking and finance modules (mortgage, credit card application, term life insurance, loan origination) using Angular, C#, XML, and SQL.
- Served enterprise banking clients across Europe and the Middle East. Collaborated with business analysts and QA teams to prioritize feature delivery across products.
- Promoted from Associate to Software Developer within 6 months, reflecting consistent delivery and technical growth.

Yapı Kredi Technology | Data Warehouse and Business Intelligence & MIS Intern **Mar 2022 – Sep 2023**

- Designed and developed internal web applications using ReactJS and Flask, reducing manual reporting effort for the BI team.
- Built Python-based image processing pipelines to automate data validation against Power BI dashboards, eliminating error-prone manual checks.
- Worked for 18 months across two internship cycles during my studies.

Sekerbank T.A.S. | Software Architecture Team Intern **Feb 2022 – Mar 2022**

- Developed "Apistant" an API analyzer tool built with Java Spring Boot, designed with a linked list data structure. Voluntary internship during my studies in the second year of university.

Education

Technische Universität Wien, M.Sc. Business Informatics **Oct 2024 – Apr 2027**

- Grade: 2.3, German scale. Specialized in Data Analytics and AI & Management.
- Relevant Coursework: Large Language Models/Agents, Generative AI, Organization Theory, Managing People & Organizations, Information Retrieval.
- Master's Thesis **— *The Personal Prometheus: Evaluating Role-Constrained AI to Reduce Strategic Convergence at the Pre-Deliberation Stage of Team Decision-Making***. *Design science research focused on the phase in which each C-level team member, having consulted AI individually, forms the strategic interpretation they will later bring into board meeting. Developed an artifact to measure whether role-constrained AI configuration would enrich the valid decision diversity.*

Sabanci University, B.Sc. Computer Science & Engineering **Sep 2019 – Feb 2023**

- Graduation Project **— *Serious Game Development for Cerebral Palsy Patients***: *Physiotherapy research about designing custom video games that act as physical therapy exercises. Instead of making a patient do boring, repetitive stretches or arm raises, researchers build video games where the patient's real-life body movements control what happens on the screen. This research field sits at the crossroads of physiotherapy, neuroscience, and computer science & engineering.*

Skills & Certifications

- **Code:** C++, JavaScript/TypeScript, Python, SQL, Java, C#.
- **Stack:** ReactJS, AngularJS, .NET/Entity Framework, Java Spring Boot.
- **Tools:** Azure DevOps, GitHub, Swagger API, Jira, SQL Server Management Studio.
- **AI/Agents and automation**: Claude Console & SDK & Code, n8n, Microsoft Power Automate; workflow automation across Microsoft 365.
- **Engineering practices**: Software Design Patterns & SOLID, Agile, AI-Driven Engineering.
- **Languages**: Turkish – Native; English – C1; German – A2.