

Muhammed Turabi Sancak

ABOUT

During my long-term internship at IBTech, I worked with Oracle SQL, Python, and MicroStrategy to develop regulatory reporting systems, dashboards, and data modeling workflows. I handled large datasets, defined KPIs, managed data flows, and contributed to decision-making by creating automated reporting solutions.

In addition, I actively participated in tech communities such as Google Developer Student Clubs and GDG on Campus, where I led software teams, organized volunteer events, and shared technical insights. Driven by a passion for software development, I continually strive to improve existing systems and innovate through code. I value collaboration, continuous learning, and balancing technical excellence with strong interpersonal skills.

EXPERIENCE

IBTECH INTERNATIONAL INFORMATION AND COMMUNICATION TECHNOLOGIES

Long Term Intern - Data Insights Team

Oct 24 - present / Gebze,Turkey / Remote

Currently working as a long-term intern at IBTech within the Data Insights team. Involved in regulatory reporting, data analytics, and business intelligence tasks. Using Oracle SQL and MSSQL to write queries on large-scale financial datasets across different sources. Contributed to updating and restructuring dashboards and reports in MicroStrategy according to business needs. Supporting the analytics team in data cleaning, transformation, and validation processes. Collaborating directly with business teams to clarify reporting requirements and documenting outcomes through internal tools like Confluence. This experience allows me to improve both my technical and communication skills by working closely with cross-functional teams.

Nefarius Apps

Freelancer

Jun 25 - present / Remote

Working as a freelance iOS developer on small- and medium-sized iOS applications. Responsible for designing UI components, managing API integrations, and implementing local storage solutions using CoreData. Building modular codebases with Swift and UIKit by applying MVVM architecture. Managing version control with Git and independently handling the entire development lifecycle. This role allows me to apply my technical skills in real client-driven scenarios with full ownership and responsibility.

iOS Bootcamp

Participant

Jun 25 - present / Remote

Completed an advanced iOS development training at iBootcamp, working on real projects in a team setting. Focused on building modular and scalable applications using Swift and MVVM architecture. Gained hands-on experience with network requests using URLSession and third-party libraries, and integrated JSON parsing into model structures. Managed source control using Git and GitHub, applying feature-based development and handling merge conflicts during collaboration. Participated in code reviews, service layer abstraction, and reusable component creation. This experience helped me bridge the gap between academic knowledge and real-world mobile development practices.

VOLUNTUEER STUDIES

GDG on Campus - Atatürk University

Mentor

Sep 24 - Jun 25 / Hybrid

Provided support and mentorship to the GDSC Atatürk University team during their event organization and task planning. Shared insights on workflow management and contributed to early event ideation. Helped guide members in using Notion and GitHub for internal coordination. Focused on enabling smooth communication and early-stage structuring of team efforts.

Lead

Sep 23 - Jun 24 / Hybrid

Led the GDSC Atatürk University chapter and managed all technical and organizational operations. Planned and executed over 10 hands-on events on Swift, Flutter, Firebase, Git, and AI. Directed a 15+ member cross-functional team during DevFest Erzurum 2023 and collaborated with speakers from global tech companies. Took full responsibility for event strategy, speaker coordination, sponsorship, and logistics. Actively used Trello, Notion, and GitHub for project management—ensuring task distribution, content tracking, and process oversight. Focused on delivering impactful real-world projects and building an innovative developer community on campus.

Core Team Member

Sep 22 - Jun 23 / Hybrid

Created event visuals using Figma and Canva. Contributed to Flutter and Firebase sessions. Developed a mobile app with the team for the Google Solution Challenge using Flutter & Firebase. Supported event planning, content creation, and internal coordination.

Mirketgiller

Team Member

Sep 23 - Jun 24 / Remote

Contributed to this science communication community by supporting the creation of educational content for youth. Helped simplify complex scientific concepts for wider audiences through social media posts and event planning. Used Trello for project planning and actively participated in visual content development.

AI and Technology Community – Atatürk University

Team Member

Sep 24 - Jun 25 / Remote

Led and coordinated multiple software-focused teams within the AI and Technology Community. Oversaw cross-functional collaboration across various projects, focusing on task delegation, process tracking, and tangible outcomes. Actively contributed to the planning of hackathons, technical sessions, and development workshops. Utilized tools like Notion, GitHub, and Trello to ensure efficient project and team management.

PROJECTS

Real-time Health Monitoring and Early Diagnosis System

Undergraduate Thesis

Sep 24 - Jan 25 / Remote

Developed an AI-powered system for real-time monitoring of ECG, body temperature, and heart rate using biomedical sensors. The system analyzes biosignals with machine learning algorithms (SVM, KNN, FFNN) to detect abnormalities and triggers automated alerts. Data is processed through Arduino microcontrollers and visualized with MATLAB GUI and Python-based dashboards. Focused on early detection, remote tracking, and instant alerting to improve patient safety.

Technologies: Python, MATLAB, Arduino, OpenPyXL, Serial Communication, SVM, KNN, FFNN, Wavelet Transform

Cancer Classification and Early Diagnosis

Undergraduate Thesis

Jan 25 - Jun 25 / Remote

Developed an AI-powered system to classify cancer types and support early diagnosis by analyzing genetic mutations and clinical data.

Technologies: Python, NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn

GitHub Link : [Gene-Mutation](#)

Linear Regression Model

School Project

Jan 25 - Jun 25 / Remote

Created a regression model in Python to analyze vehicle pricing trends and forecast future prices using machine learning algorithms.

Technologies: Python, NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn

GitHub Link : [CarPricePrediction](#)

Kitap Yurdu

School Project

Sep 24 - Jan 25 / Remote

Built a desktop application that predicts vehicle prices using C# and Linear Regression. Designed a data-driven UI with Entity Framework and MSSQL integration.

Technologies: C#, MSSQL, Entity Framework, Windows Forms

With Me

GDSC Project

Jan 22 - Jun 22 / Remote

Developed a cross-platform mobile app addressing the UN's 17 Sustainable Development Goals using Flutter and Firebase technologies.

Technologies: Flutter, Dart, Firebase

SKILLS AND TOOLS

Turkish - Native
English - Working Proficiency

Advanced skills in
Oracle SQL, MSSQL, MicroStragety, Python, LLM &
Prompt Engineering, MicroStragety Dashboards, Git
GitHub, Git Flow
for development
Agile, Kanban, Scrum, Confluence, Trello, Notion, Jira
for project management
Familiar with Swift, SwiftUI, UIKit, PyTorch

EDUCATION

Atatürk University of Engineering

expected to grad from Computer Engineering in 2025

KEEP IN TOUCH

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