

Yunus Emre DURAN

Full Stack Developer | Data Analyst

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Professional Summary

Full Stack Developer and Data Analyst based in Antalya, Türkiye, with 5+ years across web development and data analytics. Built 6 vertical SaaS products, 2 published mobile apps and 10+ corporate and e-commerce websites end to end with Next.js, TypeScript and Supabase/PostgreSQL. Delivered executive dashboards for e-commerce and healthcare with Power BI, DAX and Python, and shipped AI tools built on LLMs, RAG and computer vision. Co-founder of Solutily, a startup funded by the KOSGEB Technology Transfer Support Program. Every project starts with the same question: what does this product give the user, and which decision does it help the business make?

Work Experience

- **Co-Founder & Product Developer – Solutily** · Antalya (Remote) *April 2024 – Present*
 - Prepared the KOSGEB Technology Transfer Support Program application; the startup was awarded the funding.
 - Own architecture, development and launch of vertical SaaS products on Next.js, TypeScript and Supabase/PostgreSQL (insurance, emergency medical services, university quality management, vehicle inspection, beauty).
 - Designed a multi-tenant architecture with an isolated database per customer and Row Level Security, enforcing authorisation at the database rather than the UI layer.
 - Built and published two mobile apps end to end on Google Play and the App Store (Yedfit, Hikaye Kutusu).
 - Lead business development, customer relationships and technology decisions; turn feedback from first field installations into the product roadmap.
- **Data Analyst – Etra Sağlık Hizmetleri Ltd. Şti.** · İstanbul (Remote) *November 2024 – Present*
 - Analyse patient data and healthcare service performance metrics and build Power BI dashboards for the healthcare sector.
 - Deliver self-refreshing interactive reports with DAX and Power Query, giving management a one-screen operational summary.
 - Standardise interdepartmental data sharing and reporting processes, reducing manual reporting effort.
 - Provide data-driven recommendations to improve service quality.
- **Data Analyst – Asylove Rek. San. Tic. İth. İhr. Ltd. Şti.** · Antalya, Türkiye *February 2022 – April 2024*
 - Collected, consolidated and analysed sales data from the Amazon, Etsy and eBay marketplaces.
 - Built Power BI dashboards for sales trends, customer behaviour and performance KPIs, moving management reporting onto a single screen.
 - Developed a Python + Streamlit competitor analysis program tracking rival pricing, assortment, stock and promotions, integrated with Power BI.
 - Automated data collection and analysis, cutting reporting time substantially; analyses fed directly into the company's market strategy.
- **Web Developer – Asylove Rek. San. Tic. İth. İhr. Ltd. Şti.** · Antalya, Türkiye *September 2021 – January 2022*
 - Built the multilingual e-commerce store asylove.com on Wix for international markets and launched it with payment integration and SEO setup.
 - Improved user experience and the shopping flow through design and functionality changes.

Selected Projects

- **SaaS Products**
 - **SipolCRM** — Corporate site plus client, policy and quote tracking panel for insurance agencies; isolated database per agency. Next.js · Supabase · RLS
 - **Vakasis** — End-to-end operations management for private ambulance companies with GPS integration. Next.js · PostgreSQL
 - **UniKYS** — YÖKAK and ISO 9001 compliant quality management system for universities. Next.js · Supabase · RLS
 - **EMT Kampüs** — Proctored exams and QR-verified certificates for emergency medical training. Next.js · Supabase
 - **Oto Ekpertizi** — Branch/inspector management, a seven-section report wizard and branded PDF output for inspection companies; per-branch subscription. Next.js · Supabase · RLS · PDF
 - **Beauty Salon Appointment System** — 24/7 online booking, staff scheduling and client management; live at first customer Birsen Beauty Studio. Next.js · Supabase
- **Mobile Apps**
 - **Yedfit** — AI-powered training coach generating personalised programmes (iOS / Android). Mobile · iOS · Android · AI

- **Hikaye Kutusu (Story Box)** — Audio storytelling and reading app for children with offline use (iOS / Android).
Mobile · iOS · Android

● AI & Data

- **Websiteniz Hazır** — AI-assisted, sector-specific websites for businesses on Google Maps without a site, live within 24 hours.
LLM · Next.js · Local SEO
- **EMT Emergency Medical Service Report** — Power BI dashboard summarising 11,577 cases over six months with a map, hourly breakdown and per-hospital quota tracking. Power BI · DAX
- **PDF Q&A Agent (ChatPDF)** — RAG assistant that answers from inside your documents. LangChain · Vector Search · LLM
- **Audio-to-News-Article Agent** — AI agent that turns a recording into a publishable news article. Speech Recognition · NLP · LLM
- **Rice Classification Model** — Identifies rice varieties from images with 98% accuracy. TensorFlow · Keras · CNN
- **Competitor Store Analysis Platform** — Price and market-share tracking dashboard for e-commerce. Python · Streamlit · Pandas

● Corporate Web & E-commerce

CHN On-Site Vehicle Inspection · Birsen Beauty Studio · Prof. Dr. Özgül Düzgün · Esas Danışmanlık (TR/EN) · Ozgur Donmaz Photography · Mercimek Village Association · Hulusi Kızılkaya Law Office · Portakal Hearing Center · Asylove · Özarslan Design · Grmoonde

All projects with live links: yunusemreduran.com/en/projeler

Education

- **MSc in Computer Engineering – Süleyman Demirel University** 2025 – Present
GPA 3.63 / 4.00 · Software engineering, algorithm design and distributed systems
- **MSc in Data Analytics – Akdeniz University** 2023 – 2025
GPA 3.20 / 4.00 · Advanced data analytics, machine learning and statistical analysis
- **BSc in Electrical & Electronics Engineering – Akdeniz University** 2019 – 2023
GPA 2.80 / 4.00 · One-year English preparatory programme

Skills

Programming: Python, TypeScript, JavaScript, SQL, HTML5, CSS3

Web & Mobile: React, Next.js, Tailwind CSS, Node.js, Supabase, REST APIs, WordPress, Wix, Responsive Design, SEO, App Store / Google Play publishing

Data & BI: Power BI, DAX, Power Query, Microsoft Excel, Pandas, NumPy, Matplotlib, Seaborn, Data Modeling, Data Visualization, Statistical Analysis, KPI Reporting

Databases: PostgreSQL, MySQL, MS SQL Server, Row Level Security, SQL Optimization, Data Modeling

AI / ML: LLM, RAG, LangChain, OpenAI API, Hugging Face, TensorFlow, Keras, OpenCV, YOLO, NLP, Speech Recognition, Streamlit

Tools: Git, GitHub, Vercel, Google Ads, Adobe Photoshop, Canva

Management: Product Management, Project Management, Team Leadership, Business Development, Process Management, Technology Consulting

Languages: Turkish (native), English (intermediate)

Certifications

2024 **DeepLearning.AI** — LangChain for LLM Application Development · Python for Beginners: Basics of AI Python Coding

2024 **BTK Akademi** — Advanced Python for Machine Learning (AI) Workshop · Applied Kaggle Training · Custom GPTs · Team Building and Management

2024 **Miuul** — Python for Data Science Bootcamp

2024 **AI Business School** — Python for Machine Learning

2024 **LinkedIn Learning** — Data Science: Telling Stories with Data · Data Visualization Tips and Tricks · Learning Python · Practical Introduction: Python

2024 **Kodlasam** — Data Analysis with Excel

2023 **Udemy** — Advanced Power BI

2023 **Google Skillshop** — Google Ads Search Certification

2022 **BTK Akademi** — Web Programming with React · Web Development with HTML

2022 **Udemy** — WordPress

2021 **BTK Akademi** — Introduction to Information Technology