HAKAN İSPİR

FULL-STACK DEVELOPER | AI ENGINEER

CONTACT

- Istanbul
- contact@hakanispir.dev
- *https://hakanispir.dev*
- Explore my portfolio and projects!

EDUCATION

2022-2026
MARMARA UNIVERSITY

- Bachelors of Industrial Engineering
  - English TOLC-I @CASA
    - Score: 43.75/50.00
    - SAT 1300 equivalent

LANGUAGES

- Turkish (Native)
- English (Fluent) | C1/C2
  - Oxford AQA iGCSE: 9/9
- Spanish (Intermediate) | A2/B1
- German (Basics) | A1/A2

SKILLS

- Languages: Python, JavaScript, TypeScript, R, Java, SQL
- Frontend: React, Next.js, HTML5, Tailwind CSS
- Backend: Node.js, Express, FastAPI, PostgreSQL (Neon), Drizzle ORM
- AI/ML: PyTorch, TensorFlow, Keras, Pandas, NumPy, Scikit-learn
- Data Science: Microsoft Excel, Power BI, Google Looker Studio, Statistics & Probability

PROFILE

- Software Developer with a focus on Full Stack (Next.js/Node.js) and Data Science (Python). Experience building SaaS platforms from scratch, architecting ETL pipelines on Google Cloud, and deploying CI/CD workflows.

WORK EXPERIENCE

Founding Software Engineer — 2025 SEPT - CURRENT
Koru Impact (Associative Partner / Contract)

- Architecting Data Infrastructure: Designing and building foundational data ingestion and ETL services using Python and GCloud to power the company's "Insight Engine."
- Developing Internal Analytics: Engineered the full-stack architecture of the Koru Analytics Dashboard to visualize real-time performance metrics and predictive modeling results.
- Integrating AI Capabilities: Laying the groundwork for future AI features by building scalable backend services for predictive modeling & data processing.

Software Engineer Intern — 2025 JULY - 2025 SEPT
Koru Impact

- **Spearheaded End-to-End Development:** Built the core SaaS platform from a blank repository using Next.js, React, and TypeScript, delivering fully functional user-facing components, administrative panels, and client portals.
- **Architected DevOps Infrastructure:** Engineered a hardened CI/CD pipeline on Google Cloud Platform using Docker, resolving complex build failures to enable rapid, automated production deployments.
- **Implemented Advanced AI & Features:** Developed a custom CMS with an AI-powered editor, a multi-language (i18n) system, and a customer-facing Gemini chatbot, driving the roadmap with ~300 commits in a 40-day agile sprint.

Data Entry / Search Quality Improvement Specialist (Freelance) — 2024 - 2025
Gini Talent

- Optimized search quality for global search engines by analyzing text data and improving content ranking algorithms by verifying data.

LICENSES & CERTIFICATIONS

Deep Learning with PyTorch, Keras and Tensorflow - Professional Certificate
IBM - Coursera - 5 Courses — DEC 2025

IT Automation with Python - Professional Certificate
Google - Coursera - 7 Courses — SEPT 2025

Front-End Developer - Professional Certificate
Meta - Coursera - 9 Courses — SEPT 2025

Other certifications in Data Analytics & PowerBI from Microsoft/Google

ODOO ERP Program Training
Marmara University — OCT 2024

Traditional & Advanced Entrepreneurship Trainings
KOSGEB — NOV 2024

VOLUNTEERING & LEADERSHIP

DSC Development Committee (Member) — 2023 - 2025

MACSEC Career Committee (Member) — 2023 - 2025

IEEE CS Committee (Member) — 2023 - 2025

MieS Committee (Member) — 2022 - 2023