

MOHAMMED BASHIR

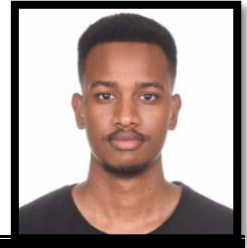
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📍 Istanbul, Turkey



ABOUT

Experienced AI and Machine Learning engineer with 1 year of experience and a strong foundation in data science and web development. Skilled in developing innovative solutions using advanced AI techniques to solve complex problems across various industries.

EXPERIENCE

AI Engineer and Web Developer (Contract)

July 2024 – October 2024

InfoSec, Saudi Arabia (Remote)

- Built two AI-driven web applications using React.js and Python FastAPI, from concept to deployment.
- Applied AI techniques for voice enhancement, speech-to-text, speaker diarization, speaker recognition and verification, and LLM-based text summarization, sentiment analysis, and keyword extraction.
- Worked closely with leadership and customer companies to align technical solutions with business needs.

Data Science Intern

July 2024 – Present

NewMind AI (Part Time)

- Collaborated on a project to prepare thousands of Turkish legal books and documents for AI chatbots, utilizing optical character recognition (OCR), sentence classification, and smart paragraph text splitting.

AI Researcher

June 2023 – Present

Artificial intelligence Based Optimization Studies Staff (Research Group) (Part Time)

- Developed a retrieval-augmented generation system for an LLM-based AI chatbot using GPT-3.5 Turbo and LangChain for the university's information system, resulting in a thesis and academic paper.
- Researched ergonomic risk analysis using 3D pose detection and multiple AI models (2D pose estimation, pose classification, object detection, depth estimation), with a paper in progress.

Manufacturing Intern

January 2023 – February 2023

Yildiz Teknopark Prototype Workshop

- Conducted analysis on the company as a whole, including manufacturing operations, manufacturing machines, workers, processes, plant layout, company's targeted market, company's weaknesses and strengths.
- Manufactured a workpiece, including determining technical details, drawing technical drawing of the workpiece, calculating time required for each manufacturing step, and inspecting the quality of the manufactured workpiece.

SKILLS

Artificial Intelligence & Machine Learning

Traditional ML Algorithms, Computer Vision, NLP, Large Language Models

Data Analytics & Business Intelligence

Tableau, Excel, Python for Analytics, Statistical Methods

Web Development

Python, JavaScript, React.js, Node.js, SQL & NoSQL, Fastapi, Firebase

Cloud and DevOps

AWS, Web Apps Deployment, Kafka, Docker, Shell Scripting, gRPC

PORTFOLIO

For portfolio, click [here](#)

EDUCATION

University, Industrial Engineering | Yildiz Technical University

2021 – 2025

- GPA: 3.70
- Class Rank: 1st – 3rd
- Completed all courses 1 year earlier.

LANGUAGES

| | |
|---------|--------------------------------------|
| English | C1 (Full Proficiency), TOEFL: 97/120 |
| Turkish | C1 (Full Proficiency), YEE Exam: 89% |
| Arabic | Native |

CERTIFICATES & COURSES

| | |
|-----------------|--|
| Coursera | Machine Learning Specialization |
| Coursera | Deep Learning Specialization |
| Coursera | Natural Language Processing Specialization |
| DeepLearning.AI | Generative AI with Large Language Models |
| Udemy | Complete Python Pro Bootcamp |
| Udemy | Complete SQL Bootcamp |
| Udemy | Mobile Apps Development Bootcamp |
| Genc MUSIAD | Applied Foreign Trade Training |

HOBBIES & INTERESTS

- Books: I like reading books in the fields of technology, history, philosophy, economics, psychology, entrepreneurship, and any topic I find particularly interesting.
- Self-Development and Continuous learning
- Sports: Football and weights lifting.

SOCIAL & VOLUNTEER

Country Representative | International Students Association, Turkey

- Representative of Country in UDEF (Federation of international Students Association). The representative orchestrate, organizes activities, and helps solving the issues and interests of the represented country's students.