

# Ghulam Ahmed

📍 Ankara, Türkiye  
@ [contact@gahmed.com](mailto:contact@gahmed.com)  
🌐 [gahmed.com](http://gahmed.com)

## Profiles

[in theGhulam](#)  
[theGhulam](#)

## Skills

### Programming Languages

Python, Java, C/C++, HTML, CSS, JavaScript, TypeScript

### Frontend Frameworks

Next.js, React, Astro, Vite

### Backend Frameworks

Spring Boot, Django, FastAPI

### Database

PostgreSQL, MongoDB, Redis

### Cloud-Based Technologies

GCP, AWS, Render

## Certifications

### Machine Learning

Stanford University  
🔗 [BG6FPH3RUZ9X](#)

### Deep Learning Specialization

DeepLearning.AI  
🔗 [JYBKS8YFFQUG](#)

### Introduction to Data Science in Python

University of Michigan  
🔗 [TUFJ42J52NVX](#)

### Object-Oriented Data Structures in C++

University of Illinois at Urbana-Champaign  
🔗 [N3QW2Y89BLB6](#)

## Experience

### Bioniks

Jun. 2024 - Sep. 2024

Machine Learning Engineer

Karachi, Pakistan

Developed and optimized machine learning models for gait analysis and real-time user intent prediction systems using **Python**, **TensorFlow**, and **Docker** in prosthetics R&D department, achieving a 92% accuracy in gait abnormality detection and a 95% accuracy in intent prediction.

### Maison Consulting & Solutions

Jul. 2023 - Sep. 2023

Software Developer

Karachi, Pakistan

Worked on **Microsoft Dynamics 365** CRM and ERP system integrations, developing business intelligence solutions with **Power BI** and creating **SharePoint** collaboration portals.

### Stifle

Jun. 2022 – Jul. 2022

Back End Developer

Karachi, Pakistan

Deployed the **Django** backend using **PostgreSQL** of a web application to monitor and analyze financial transactions. Developed a real-time transaction classification system aimed at filtering and categorizing financial transactions for fraud detection.

### Kwick Doctor

Jul. 2022 – Aug. 2022

Back End Developer

Karachi, Pakistan

Developed a machine learning model using **Python** and **TensorFlow** to categorize the severity of COVID-19 patients based on vital signs collected through a wearable IoT sensor device in real-time. Built and deployed an API around the machine learning model using **FastAPI** for real-time inference.

## Education

### Bilkent University

Aug. 2021 – Present

B.S. in Computer Engineering  
Merit scholarship

### Cedar College

Aug. 2019 - Jun. 2021

Cambridge International AS & A Levels  
4 A\*

## Projects

### Campus Connect

🔗 <https://github.com/theGhulam/CampusConnect>

Built an application for second-hand sales, donations, borrowing, and related activities within Bilkent University.

Spring Boot, Next.js, PostgreSQL, Redis

### Till The Last Drop

🔗 <https://github.com/theGhulam/ttld>

Tower defense game written in **Java**. Designed and implemented different levels, integrating physics and collision detection via **Box2D**, created a user interface using **LibGDX**, and implemented a model for NPC pathfinding.