

Abbas Hilal

Software Engineer

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EDUCATION

Abdul Ghafoor Ahmadi High School

High School

Kabul, Afghanistan

Graduation, Jan 2022

- **Concentrations:** General Studies
- **Related Coursework:** Biology, Chemistry, Physics, Mathematics, Literature, and etc...

Kabul English Language and Computer Institute

English

Kabul, Afghanistan

Graduation, Apr 2021

- **Concentrations:** English
- **Related Coursework:** Grammar, Vocabulary, Pronunciation, Writing, Reading, Speaking

EXPERIENCE

Smart City Solutions ICT

Software Engineer

Kabul, Afghanistan

Jan 2026 – Apr 2026

- Developed mobile, web, and desktop applications using a wide range of modern technologies and frameworks.
- Designed and implemented scalable backend services and full-stack solutions to support efficient data processing, system integration, and business operations

TOEFL Coach Institute

Software Development Engineer

Kabul, Afghanistan

Dec 2024 – Jan 2025

- Developed a Student Registration System, a Teacher Recruitment System that administers tests and generates results, and a Student Examination System for conducting assessments.
- Developed various stacks on Flask & Django for data sources

Tolo-e-Nawin Education Center

English Instructor

Kabul, Afghanistan

Jan 2022 – Jun 2022

- Trained students in English language learning

PROJECTS

Movie Recommendation System

Developer

- Engineered a Movie Recommendation System using collaborative and content-based filtering algorithms, enhancing personalized viewing experiences and increasing user engagement

Brain Tumor MRI Detection using Image Processing

Developer

- Engineered a Brain Tumor MRI Detection System using advanced image processing and classification techniques, improving diagnostic accuracy and supporting timely medical decision-making

Object Detection System

Developer

- Engineered an Object Detection System using deep learning (YOLO/CNN) to accurately identify and classify objects in images, improving automated image analysis and supporting real-time decision-making

Criminal Registration System

Developer

- Engineered a Criminal Registration System with a secure database and intuitive interface, streamlining record management, ensuring data integrity, and enhancing accessibility for law enforcement

Smart Attendance Management System using Card Scanning

Developer

- Engineered a Smart Attendance Management System using card scanning, automating attendance tracking, improving accuracy, and reducing manual workload for organizations

E-commerce Platform

Developer

- Engineered a scalable E-commerce Platform with optimized performance, secure transactions, and seamless user experience

Smart Pharmacy

Developer

- Engineered a Pharmacy Management System with Secure Database and intuitive interface, streamlining pharmaceutical operations ensuring data integrity, and enhancing accessibility for healthcare providers

ACHIEVEMENTS & CERTIFICATIONS

- **Achieved first position in a programming contest at Kardan University**
- **HackerRank Certified Software Engineer**
- **HackerRank Certified Software Engineer Intern**
- **Certified from HBC & UNDP in AI & Data Science Two months training**
- **Certified from Udemey in Python Mastery: 100 Days,100 Projects**
- **Certified from HP in Data Science & Analytics**
- **Certified from Cisco and Python Pi Institute in Python essentials 1**
- **Certified from Cisco and Python Pi Institute in Python essentials 2**

SKILLS

Programming: Python, JavaScript, C++, SQL

Technical/Programmatic: Data Structures and Algorithms

Web Technologies: Tailwind CSS, HTML5, Node JS, Nest JS, Next JS, React, Flask, Django, GSAP, Three JS, WebSockets

Mobile Technologies: React Native, Flutter

Desktop Technologies: Electron JS, Tkinter, Pyside6

Devops: Docker, Kubernetes, Git & GitHub

ORM & Data Access: Prisma ORM, Drizzle ORM, Django ORM, SQLAlchemy

Databases: SQLite, MySQL, Oracle, PostgreSQL, MongoDB, SQL Server

Interests: MMA, Free Style Wrestling