

Tabish Arshad

AI Engineer (Entry-Level)

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Sambrial, Punjab, 51480, PK

I'm a Software Engineering graduate passionate about AI, machine learning, and deep learning. I've published an IEEE research paper and explored digital image processing, Microsoft Dynamics 365 ERP, and e-commerce. I love applying technology to solve real-world problems and am always open to learning, collaborating, and growing professionally.

Work Experience

Student

Jan 2020 - Jun 2025

University of Sialkot | Sialkot, Punjab, Pakistan

In my final year at USKT, I researched AI and deep learning, leading to my first IEEE publication in machine learning. I worked with Python, MATLAB, and RapidMiner to build and optimize models, and strengthened my teamwork and presentation skills by sharing our research at seminars and academic events.

Projects

Chain of Trust

Jun 2024 - Jun 2024

Chain of Trust was a blockchain-based project designed to secure digital transactions and data sharing. In this project, we focused on creating a trusted environment where information could be exchanged safely without the risk of tampering or unauthorized access. I worked on developing smart contracts and integrating blockchain technology to ensure transparency, data integrity, and security throughout the process.

Underwater Image Restoration

May 2025 - Jun 2025

Underwater Image Restoration is a project focused on improving the quality of underwater images using MATLAB. Underwater images often suffer from poor visibility, low contrast, and color distortion due to light scattering and absorption. In this project, I applied image processing techniques in MATLAB to enhance clarity, restore natural colors, and improve the overall visual quality of underwater scenes.

E-Commerce Store

Mar 2024 - Apr 2024

Developed a responsive e-commerce store using HTML, CSS, and JavaScript. The project includes product listings, a shopping cart, and a user-friendly interface, providing a smooth online shopping experience. Focused on front-end design, functionality, and improving user interaction on web platforms.

Music Player App

Oct 2023 - Nov 2023

Developed a Music Player App using Java, XML, and Android Studio. The app allows users to play, pause, and switch between songs with a clean user interface. Focused on creating a smooth music playback experience and managing media files efficiently on Android devices.

Payroll Management System

Apr 2023 - May 2023

Developed a Payroll Management System using C# and SQL to automate employee salary processing. The system manages employee records, calculates salaries, generates payslips, and stores data securely in a SQL database.

Focused on improving accuracy, efficiency, and simplifying payroll operations.

Clinic Management System

Feb 2021 - Mar 2021

Developed a Clinic Management System using SQL and VBA to streamline patient record management, appointment scheduling, and billing processes. The system securely stores patient data, automates routine tasks, and improves clinic operations, enhancing efficiency and reducing manual workload in daily activities.

Advance Student Management System

Oct 2020 - Nov 2020

Developed an Advanced Student Management System using OOP concepts in C++. The system manages student records, courses, and grades efficiently with features like data storage, retrieval, and updates. Focused on applying object-oriented principles for better code organization, reusability, and system scalability.

Student Management System

Mar 2020 - Apr 2020

Developed a Student Management System using C++ programming fundamentals. The system handles basic student data operations such as adding, viewing, and managing records. Focused on applying core concepts like functions, arrays, and file handling to build a simple and efficient console-based application.

Core Skills

Software Development, Research Skills, Machine Learning, Deep Learning, Project Management, Blockchain, Smart Contracts, Flutter, Dart, WordPress, Prompt Engineering, Program Management, Kali Linux, Shopify, Python, Canva, C++, C#, SQL, Dart, Solidity

Education

University of Sialkot

Jan 2020 - Jun 2025

Bachelor of Science - BS Software Engineering

Govt. Islamia Degree College Sambrial

Jan 2018 - Dec 2019

FSC Engineering

Govt. Muslim Awami High School Sambrial

Jan 2016 - Dec 2017

Matric Science

Languages

English

Certificates

Programming for Everybody (Getting Started with Python)

Jun 2021

University of Michigan

Create your e-commerce store with Shopify

Apr 2023

Coursera Project Network

Getting started with Flutter Development

Aug 2023

Google Cloud

Build a Full Website using WordPress

Sep 2023

Coursera Project Network

ChatGPT Playground for Beginners: Intro to NLP AI Jan 2025
Coursera Project Network

Command Line in Linux Mar 2023
Coursera Project Network

Wireshark for Beginners: Capture Packets Jan 2025
Coursera Project Network

Build a Professional Resume using Canva Aug 2023
Coursera Project Network

Publications

Prediction of Hazardous Asteroids for Earth Using Machine Learning Mar 2025
IEEE

Automated Diagnosis of Diabetic Retinopathy Using Deep Learning Models Jul 2025
IEEE