

Naveen khan

Computer System Engineer | Junior Ai Engineer

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I am a passionate developer who enjoys transforming complex problems into practical applications. I am always keen to contribute in AI projects. My aim is to learn, improve, and build technology that creates real impact on society.

WORK EXPERIENCE

AI Intern

Jul–Aug 2025

Civil Aviation Training Institution

onsite, Hyderabad

Python, Mistral LLM, Groq API, Hugging Face

- Developed an AI-powered chatbot using Mistral LLM and Groq API to automate query handling for Pakistan Civil Aviation Authority, improving response efficiency and accessibility.
- Built a RAG-based retrieval system with vector storage and Hugging Face embeddings that processing organizational PDFs for context-aware answers.

Ai intern

Jan 2026- Present

ITSOLERA PVT LTD

Python, Streamlit, DenseNet121, CNN

- I developed an AI-based system that detects diseases from medical images such as MRI and X-ray scans. One of my key projects is brain tumor classification using MRI images that are train on the DenseNet121 deep learning model.
- The model achieved **95% accuracy on training data and 93% accuracy** on test data without overfitting. To make the system easy to use, I built a Streamlit application that allows users to upload images and receive instant prediction results.

EDUCATION

Bachelors in Computer System Engineering (BECS), Mehran university (CGPA: 3.6/ 4)

Nov 2021 - 2025 Dec

Main Campus, Jamshoro

Relevant courses: Database Management and SQL, Linear Algebra, Statistic, OOP, Data Science, Artificial intelligence, Linear Algebra

SKILLS

Programming: C++, Python, Dart

Data Analyst: Data transformation, Data Visualization, Excel

Python Framework: Pandas, matplotlib, NumPy, OpenCV, TensorFlow ,keras

Database Management: MySQL, oracle SQL, SQL Query Writing, Database Design, Data Manipulation

Web Development: HTML, CSS, JS, PHP, MySQL

Flutter: UI Design & Layout Building (basic)

Currently Learn AI

PROJECTS

Coffee Shop Sales Analysis Dashboard

Jan-2026

Excel, Power Query, Pivot Tables, Data Validation, Charts

- Developed a dynamic dashboard to analyze sales, transactions, and customer behavior across three store locations.
- Enabled month/day filtering, visualized KPIs (sales, footfall, average bill), and highlighted top products and peak hours.
- Delivered actionable insights using pie charts, bar graphs, and slicers that support data-driven decisions for store performance.

Smart Safety Device | Final Year Project (AI And IoT)

Jan 2025 – Oct 2025

Python, OpenCV, YOLO, Esp, GSM/GPS, pi

- I develop an **AI-powered emergency detection device** using YOLO-based weapon recognition, archive 91 % Accuracy, multilingual voice commands, and a panic button to ensure rapid threat identification.
- Integrated **automatic evidence capture and real-time alerts** with live location sharing to trusted contacts, awarded **2nd place** at IEEE CS Project Exhibition, MUET.

Web Development Project (Hotel Booking Website)

Oct -2023

HTML, CSS, JavaScript, PHP & MySQL, Database design

- Developed a **hotel booking website** featuring secure user authentication, search filters, and booking management functionality.
- Implemented a responsive interface through media query and backend logic to streamline reservations, enhancing user experience and operational efficiency.

CERTIFICATION

- IEEE membership
- Iot workshop from, Engineering Xpert
- Ai intern at Civil Aviation training institute, Pakistan Airport Authority
- Ai intern at ITSOLERA PVT LTD
- Participating in IEEE cs project exhibition at Muet
- 2d animation course, Tif Hawks Institution

ACHIEVEMENTS

- Our FYP got 2nd position in fyp exhibition at IEEE CS expo, Muet.
- I secure internship at civil aviation training institution, Hyderabad airport

VOULUNTEERSHIP

- The Big Event (Social event at Muet)
- IEEE PES Society Event