

# 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

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### 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 process 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 trained 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

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### 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

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**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

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### 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

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

## ACHIEVEMENTS

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

## VOULUNTEERSSHIP

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