Syed Sibt E Hassan Kazmi

Date of birth: 07/10/2001 | **Nationality:** Pakistani | **Gender:** Male | **Phone number:** (+92) 3405455470 (Mobile) |

Email address: sibte03405@gmail.com |

Address: Talagang, near mudial chowk, sultan road, shafiq street no 1, Pakistan (Home)

ABOUT ME

I am dedicated, organized and methodical. I have good methodical skills, am an excellent team worker, and am keen and very willing to learn and develop new skills.

EDUCATION AND TRAINING

08/10/2021 – 19/06/2025 Islamabad, Pakistan

BSCS Riphah International University

FINAL YEAR PROJECT

Tumor Vision

- Designed and implemented a deep learning-based brain tumor detection and localization system using Convolutional Neural Networks (CNNs).
- Utilized MRI datasets for training and testing, applying preprocessing techniques such as normalization, resizing, and noise reduction to enhance image quality.
- Developed a multi-label classification mechanism to detect and distinguish between different tumor types.
- Integrated bounding box regression for accurate tumor localization on MRI scans.
- Implemented data augmentation (rotation, flipping, brightness adjustment) to improve model generalization.
- Evaluated performance using Precision, Recall, F1-score, and visualized results with annotated bounding boxes.
- Built a user-friendly interface for radiologists to upload MRI scans and receive instant detection results.

WORK EXPERIENCE

PAKISTAN INSTITUTE OF ENGINEERING AND APPLIED SCIENCES AI CENTER

INTERNSHIP – 06/07/2025 – CURRENT

Deep Learning

- Developed a deep learning-based fire detection system using CNNs and object detection frameworks.
- Implemented bounding box localization to accurately identify and mark fire regions in images.
- Applied dataset preprocessing, augmentation, and annotation to improve detection accuracy.
- Trained and evaluated models to ensure real-time performance for safety applications.

DEVELOPERSHUB CORPORATION

INTERNSHIP - REMOTE – 07/07/2025 – CURRENT

AI/ML

- Performed data loading, exploration, and visualization using Pandas, Matplotlib, and Seaborn to identify trends, distributions, and outliers.
- Built predictive models for various applications, including stock price forecasting, heart disease diagnosis, and house price prediction.
- Applied time series analysis, regression, and classification techniques using scikit-learn, Random Forest, and Logistic Regression.
- Conducted data preprocessing (feature scaling, missing value handling) and evaluated models using metrics.

FAST UNIVERSITY

INTERSHIP – 25/06/2024 – 01/09/2024

Object detection

- Worked on object detection models to identify and localize target objects in images.
- Prepared and annotated datasets in YOLO format for training and testing.

- Implemented model training, validation, and performance evaluation using precision, recall, and F1-score.
- Optimized detection pipeline for better accuracy and speed in real-world scenarios.

PROJECTS

Food Classification

- Built a food classification model using CNN architectures to categorize images into multiple food types.
- Collected, cleaned, and preprocessed datasets for high-quality model training.
- Evaluated model performance using accuracy and confusion matrix analysis.

University database

- Designed and implemented a university department database in Oracle.
- Developed access control mechanisms to grant permissions based on departmental requirements.

Distribution Agency:

- Created a Java-based product distribution management system following object-oriented programming principles.
- Enabled tracking of products from the company to local distributors.

Cheezious app

- Developed a C++ application for a food ordering system using data structures and algorithms.
- Implemented efficient order management, menu display, and transaction handling.

Banking Management System:

- Built a banking system simulation in C++ covering account creation, transactions, and loan management.
- Applied structured programming concepts for clear and maintainable code.

Compiler

- Designed and implemented a custom compiler in C++ to convert high-level C++ code into assembly language.
- Incorporated lexical analysis and parsing techniques for code translation.

COURSES AND CERTIFICATIONS

Introduction to Artificial Intelligence (AI)

I have done an online non-credit course authorized by IBM and offered through Coursera

AWS academy

This online course offered by university.

Computer Network

This course is offered by university on cisco.

Creating Your First C++ Application

I have done an online non-credit course authorized by Coursera Project Network and offered through Coursera

Introduction to Java

I have done an online non-credit course authorized by Learn Quest and offered through Coursera

Introduction to Computers and Office Productivity Software

I have done an online non-credit course authorized by the Hong Kong University of Science and Technology, offered through Coursera

SKILL

Digital Skills

- Artificial inteligence
- Machine Learning
- Deep Learning

Programming Language

- Python
- C
- C++