

# SYED AFZAL HUSSAIN

PYTHON DEVELOPER



New Delhi, India



LinkedIn



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## EXPERIENCE (INTERNSHIPS)

## ACADEMIC PROJECTS



### Brain Tumor Detection Web App (NeuroIntel)

- Built a Flask-based web application for detecting brain tumors from MRI scans using a trained CNN model.
- Integrated TensorFlow and OpenCV for preprocessing, classification, and real-time prediction.
- Designed a responsive, user-friendly interface with Bootstrap and custom CSS for accessibility.
- Achieved **96% accuracy** on the validation set after training the model on a dataset of **18,200** images.



### Plant Disease Prediction (AgroLeafNet)

- Developed an AI-powered Streamlit app to identify plant leaf diseases using CNN and TensorFlow.
- Implemented dataset preprocessing and augmentation for improved accuracy and generalization.
- Created an interactive UI with visual insights and probability-based prediction reports.
- Enhanced functionality by providing **remedial measures and treatment recommendations** for identified diseases, adding direct value for farmers and agriculturalists.

## EDUCATION

### JAMIA HAMDARD

BACHELOR'S IN COMPUTER APPLICATION

September 2022 - June 2025 |

New Delhi CGPA: 8.77 / 10.0

### S.T PETER INTER COLLEGE

HIGHER SECONDARY EDUCATION

July 2020 - July 2021 | NANPARA, UTTAR

PRADESH Percentage: 75%

## SKILLS

**Programming Languages:** Java, C++, Python, SQL

**Libraries & Frameworks:** React, Next.js, Tailwind CSS, Bootstrap

**Tools & Platforms:** Eclipse, Visual Studio, Postman, IntelliJ IDEA, GitHub, Code::Blocks

**Databases:** MongoDB, MySQL, SQLite

**Web Development Technologies:** HTML, CSS, JavaScript, Node.js

## CERTIFICATES

**Internship Certificate** – Codeway Solutions (Web Development Intern)D

**Course Certificate** - Introduction to Generative AI Studio – Simplilearn, 27<sup>th</sup> March 2025

## SOFT SKILLS

- Good communication skills, both verbal and written.
- Ready to work effectively in a team environment.
- Quick to adapt to new technologies and environments.
- Good problem-solving and critical thinking abilities.
- Efficient time management and multitasking skills.

## HOBBIES

Playing Video Games, Listening to Music, Food Enthusiast, Cricket Lover