

# MOHAMED ISHAM I

## | PYTHON DEVELOPER |

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### SUMMARY

A dedicated Python developer committed to crafting efficient, user-friendly solutions. Demonstrates strong coding and problem-solving skills, eager to learn and enhance abilities. Excels in team collaboration by contributing innovative ideas and delivering high-quality results.

### TECHNICAL SKILLS

- Python
- Adaptable and Self-driven Mindset
- Version Control Systems: Git, GitHub
- Analytical Thinking & Work Ethic

### PROJECTS

#### EEG-BASED EARLY NEUROLOGICAL DISORDER DETECTION

Sep 2025 - Present

- Developed a deep learning model to detect epileptic seizures early from EEG
- Used the XGBoost algorithm to capture spatial and temporal EEG patterns.
- Performed data preprocessing to enhance signal quality and accuracy.
- Validated on benchmark EEG datasets with high performance.

#### SIGN LANGUAGE RECOGNITION USING DEEP LEARNING

Jan - May 2024

- Created a CNN-based English Sign Language recognition system.
- Built an image-processing pipeline with PCA for feature extraction.
- Output recognized signs as text and speech.
- Improved accuracy and latency over baseline methods.
- Enhanced accessibility for users with hearing or speech impairments.

### EXPERIENCE

#### UI/UX Designer Internship - SKILL UP Technologies Solutions | Ulundurpet,Tamil Nadu

Dec 2024 - Jan 2025 | [Skillup.org/in/.com](https://Skillup.org/in/.com)

Completed a UI/UX design internship focused on creating user-friendly interfaces using Figma and Adobe XD. Collaborated with mentors to design wireframes, user flows, and interactive mockups for web and mobile applications. Improved understanding of design thinking, usability testing, and user-centered design principles. Gained hands-on experience in visual hierarchy, color theory, and layout optimization to enhance user engagement and accessibility across different digital platforms.

### EDUCATION

#### ES MATRIC HR SEC SCHOOL

Jun 2020 - April 2021

HSC | Percentage:73%

#### ST XAVIER MATRIC HR SEC SCHOOL

Jun 2019-Aug 2020

SSLC | Percentage:72%

#### Bachelor of Computer Science and Engineering

Aug 2022 - May 2026

CGPA:7.2/10 (up to 6th Semester)

### CERTIFICATIONS | AWARDS

- TCS iON (2025): Career Edge – Young Professional
- MindLuster (2025): Professional Python Programming
- Awards/Activities: District Zonal Football Winner (2025); Appreciation for teamwork and reliability during internship