

# MD. SIAMUL ISLAM SHAYON

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[linkedin](#) [portfolio](#) [GitHub](#)

## PROFESSIONAL SUMMARY

Dedicated and results-oriented Computer Science graduate with a strong foundation in Artificial Intelligence, Machine Learning, and Computer Vision. Skilled in developing efficient deep learning models and solving complex problems through innovative solutions. Proven experience in academic research, model optimization, and working with GPU-accelerated systems for real-world applications.

## EDUCATION

Bachelor of Science in Computer Science & Engineering East  
West University (EWU)

June 2020 - January 2025

- Major: Data Science | Non-Major: Software Engineering
- Thesis Topic: "AI-Powered Skin Disease Detection with ResNet50 and Efficient NetB0".

CGPA: 3.12/4.00

Higher Secondary Certificate

Rajarbag Police Lines School and College | Group: Science

2017- 2019

Secondary School Certificate

Boalmari George Academy | Group: Science

2015- 2017

## EXPERIENCE

Panorama Infosys Ltd, Bangladesh

Dec 2025 -continue

(AI/Machine Learning)

- Conducted research and implementation of deep learning models for computer vision tasks.
- Developed and trained CNN models using PyTorch and TensorFlow.
- Managed GPU-based training pipelines and automated workflows.
- Contributed as co-author to multiple research publications.

## PUBLICATIONS

- [AI-Powered Skin Disease Detection: A Deep Learning Approach with ResNet50 and EfficientNetB0](#)

Authors: Md. Siamul Islam Shayon, Md Sabbir Ahmed, Md Musa Ali, Shihab Ahmed, Md Tuhin Mia, Sazzadul Islam Shovon, Kazi Tanvir Akter & Abdul Ahad

2. [Multi-Class Brain Tumour Classification with CNN on MRI Scans](#)

Authors: Nisarga Mridha, Sofia Noor Rafa, Md Siamul Islam Shayon, Nusrat Sultana, KM Safin Kamal

3. [A Systematic Clone Detection Performance Analysis](#)

Authors: Md Siamul Islam Shayon, sabbir ahhmed, Sazzadul Islam Shavon

4. [Energy Aware Planning Approach Considering Cost of Electrical Energy for SustainableDevelopment](#)

Authors: Md Sabbir Hossain, Sazzadul Islam Shovon, Ummay Khadiza Rumpa, Mahamudul Hasan, Ahmed

## ACADEMIC PROJECTS

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- Facial Expression Recognition using CNN and Transformer hybrid model.
- Action Detection using Diffusion Model on UCF101 Dataset.
- Skin Disease Classification using ResNetS0 and Efficient NetB0.
- Brain Tumor Detection from MRI using CNN.
- Lime Growth Stages Image Classification for Agriculture.

## RELEVANT SKILLS

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Programming Languages: Python, C, C++, Java, HTML, CSS  
Frameworks & Libraries: TensorFlow, PyTorch, OpenCV  
Tools: Google Colab, Jupyter, VS Code, MATLAB Database  
Systems: MySQL, SQL, Oracle  
Other: Power BI, Docker, FastAPI, Microsoft Office Suite

## CERTIFICATIONS

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- Best Research Presentation (at IEMTRONICS 2025)
- Best Project Award - AI & System Design
- IEEE Sub-Executive Certificate

## REFERENCES

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