

## MD ZUNAYED

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Dhaka, Bangladesh

### EXPERIENCE

Competitive Programming, Machine Learning, Kaggle Competitions 2021 — Current

*Competitive Programming* 2021 — Current

- **LeetCode:** MdZunayed (Max Rating: 1506, Solved: 84)
- **CodeChef:** Zunayed100 (Max Rating: 1420, Solved: 140)
- **Codeforces:** noobzunayed (Max Rating: 1064, Solved: 670)
- **Vjudge:** MdZunayed (Solved: 330)
- **AtCoder:** zunayed (Max Rating: 73)
- **CSES:** zunayed

*Machine Learning and AI* 2023 — Current

- Designed a machine learning project for lung cancer classification using histopathological images
- Developed a CNN-based multi-class skin cancer detection system using dermoscopic images (ISIC 2019)
- Build a Flask web app (DermaVision) for real-time analysis, enabling users to upload images and receive model predictions with confidence scores

### TECHNICAL SKILLS

**Programming:** C++, C, Python, Java, MATLAB, SQL  
**Machine Learning:** PyTorch, TensorFlow, NumPy, Pandas, Scikit-learn  
**Tools:** GitHub, VS Code, CodeBlocks, Jupyter Notebook, Kaggle Notebooks, Google Colab

### RESEARCH INTERESTS

*AI & Machine Learning    Natural Language Processing*  
*Explainable AI                Deep Learning Optimization*

### ACADEMIC CREDENTIALS

*B.Sc in Computer Science and Engineering* 2021 — Current  
East West University, Dhaka, Bangladesh

- Machine Learning, AI, and Image Processing
- Engaged in research projects related to medical AI

### PUBLICATIONS

- In preparation: *Explainable AI in Mental Disorder Detection by Multi-modal Data Fusion*

### HONORS/AWARDS

- 4<sup>th</sup> Place – *Rookie Code Clash (Final Round): View Rank*
- Top 20% Finisher in *Multiple Competitive Programming Contests*
- *Kaggle Competitions Contributor*
- Top 41% Global Rating on *LeetCode*