

# ZUNAID HASAN

AI ENGINEER | MACHINE LEARNING |  
SOFTWARE DEVELOPMENT



## EDUCATION

### Daffodil International University (DIU)

B.Sc. in Computer Science & Engineering

**Expected Graduation: 2025**

**RELEVANT COURSES:** ML, AI, OOP,  
COMPUTER ARCHITECTURE, DS,  
COMPILER DESIGN, CLOUD  
COMPUTING

## TECHNICAL SKILLS

### • PROGRAMMING:

- PYTHON, C, C++, DART, PHP,  
JAVASCRIPT, SQL

### • AI & MACHINE LEARNING:

- TENSORFLOW, PYTORCH,  
SCIKIT-LEARN, NLP (NLTK,  
SPACY), DEEP LEARNING  
(CNNs, RNNs, GANS)

### • SOFTWARE DEVELOPMENT:

- WEB DEVELOPMENT  
(REACT.JS, NODE.JS),  
MOBILE APP DEVELOPMENT  
(FLUTTER)

### • NETWORKING & CLOUD:

- CISCO PACKET TRACER,  
AWS, GOOGLE CLOUD, LINUX  
(UBUNTU, ARCH)

### • VERSION CONTROL & TOOLS:

- GITHUB, DOCKER,  
VIRTUALBOX

## LANGUAGE

Bengali

English

Hindi

## ABOUT ME

Final-year CSE student with expertise in AI, Machine Learning, and Software Development. Passionate about deep learning, NLP, and AI-driven automation. Completed an AI internship at CodeAlpha and developed projects in AI, networking, and compiler design. Seeking a role in AI/ML development or software engineering.

## WORK EXPERIENCE

### AI INTERN | CODEALPHA

2025

- Developed three AI-based projects, gaining hands-on experience in ML, NLP, and deep learning.
- Built a Language Translation Tool using Google Translate API / Microsoft Translator API.
- Created an AI-powered FAQ Chatbot with NLP (NLTK, SpaCy) for intelligent responses.
- Developed a Music Generation System using Deep Learning (RNNs, GANs) for composing music.
- Successfully completed the internship, receiving a Certificate of Completion & Letter of Recommendation (LOR).

## PROJECTS

### • Image Classification with CNNs

- A convolutional neural network (CNN) to classify images from datasets like CIFAR-10, ImageNet, or custom datasets. It focuses on improving accuracy with transfer learning and augmentation techniques.

### • NFS Server Setup

- A Network File System (NFS) server for file sharing across a local or cloud network. Allows multiple clients to access shared directories with proper access control.

### • DIU Departmental Network ACLs

- A project focused on implementing Access Control Lists (ACLs) in a simulated DIU (Daffodil International University) network to restrict access to specific departments, ensuring security and efficient network traffic management.



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