Arpita Nath

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Github: https://github.com/Arpita-Nath

Date of birth: 10/10/1999 **Nationality:** Bangladeshi

ABOUT ME

Passionate about software development, I am a recent Computer Science graduate from BRAC University with a solid foundation in programming and problem-solving. Currently, I'm enhancing my skills through a professional certification in the MERN stack, gaining hands-on experience with full-stack web development. I have strong knowledge of HTML, CSS, and React, and I am skilled in creating interactive user interfaces and responsive web designs. My goal is to leverage my technical abilities and dedication to contribute effectively as a Junior Software Engineer, while continuing to learn and grow within a collaborative, innovative team.

PROGRAMMING SKILLS

Java

Python

JavaScript

HTML5

CSS3

ReactJs

Tailwind Css

NodeJs

Git & Github (version Control)

Firebaase

EDUCATION AND TRAINING

[2018 – 2023] **Bachelor of Science in Computer Science and Engineering (BSc)**

BRAC University

City: Dhaka | **Country:** Bangladesh | | **Final grade:** 3.41

[2015 – 2017] **Higher Secondary Certificate (HSC)**

Chittagong College

City: Chittagong | **Country:** Bangladesh | | **Final grade:** 4.75

[2013 – 2015] **Secondary School Certificate (SSC)**

Dr. Khastagir Govt. Girls High School

City: Chittagong | **Country:** Bangladesh | | **Final grade:** 5.00

LANGUAGE SKILLS

Mother tongue(s): Bengali

Other language(s):

English

LISTENING C1 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PROJECT AND THESIS

[2022 – 2023]

An Efficient face Recognition Model Using Multiple Angular Images and Deep Neural Network Architecture (Undergrade Thesis)

Description: In the proposed model several sets of images were taken for one individual from multiple angular deviation to train AI. So that it achieved more accuracy than the existing face recognition models. It can detect the target object from any angle accurately even if the object is in motion.

Language: Python

Trained Model: VGG16, Resnet50, VGG19, Inception NetV3

Algorithm: CNN, MTCNN, HAAR Cascade

A Chatting website both Frontend & Backend with CRUD operation

Description: This website can add and remove friends, send messages with authentication credentials and realtime database.

Language: Javascript, NodeJs, ReactJS

Database: Firebase

A full-stack E-Commerce Website

Description: A website with admin dashboard, user dashboard, login and registration options with security checking,

and multiple payment methods.

Language: Javascript, NextJS, ReactJS,

Database: Firebase