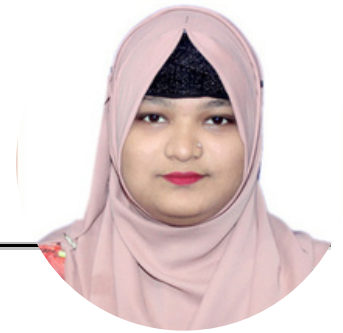# HOSNA ARA SARKER ANIKA

SOFTWARE ENGINEER

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CAREER GOAL

A dedicated, motivated and fast-learning person with a broad and acute interest in the discovery of new innovative technologies. I am particularly looking for a platform where I could flourish my wisdom and at the same time solidify my scholastic profile by extensive research work on the latest state of the art technologies.

EXPERIENCE

Junior Software Engineer (Intern) at **E-TECH SOFT IT LIMITED**
September, 2022 - December, 2022.

EDUCATION

Bachelor of Computer Science and Engineering(2019-2022)
Institution Name: International University of Business Agriculture & Technology(**IUBAT**)
Department: Computer Science & Engineering (**CSE**)
Passing Year: 2022
CGPA :3.91 out of **4.00**

Higher Secondary School Certificate(2016-2018)
Institution Name: Abdul Kadir Molla City College(**AKMCC**) **Department : Science**
GPA : 4.83 out of **5.00.**

Secondary School Certificate(2014-2016)
Institution Name: N K M High School & Homes
Department: Science
GPA : 5.00 out of **5.00**

THESIS

Undergraduate Thesis:

Bird Voice Classification Based on Combination of Feature Extraction By Using CNN

In this project, we have used CNN architecture efficient net, for identifying the bird species. When we enter any bird sound the machine will identify the bird name and it will also show the wave of that audio, sample rate, some spectrogram. we have achieved an accuracy of 84%.

TECHNICAL SKILLS

Soft Skills: Effective Communication, Team Work, Adaptability, Problem-solving, Time Management, Quick learner

Programming: C, C++, PHP, Java

Fronted Technologies: HTML, CSS, Tailwind CSS, Bootstrap, Javascript

Backend Technology: PHP, laravel

Database: SQL, MYSQL, MongoDB

Version Control: Git and GitHub

Hardware: Arduino

Microsoft Office Tools: Microsoft Word, Microsoft Excel, Microsoft PowerPoint.

Language: Bangla, English.

ACHIEVEMENTS

- Three Times 4.00 out of 4.00.
- Secondary School Certificate Education Board Scholarship (2016).

EXTRA-CURRICULAR ACTIVITIES

- Participated Intra University Software and hardware Exhibition
- Participated in multiple projects showcasing events.
- Participated in various photography exhibitions at University.
- Participate in Intra university gaming contests.

AREA OF INTEREST

- Software Engineer
- Machine Learning Engineer
- Serverless
- Web Development
- Software Quality Assurance
- Deep Learning Engineer
- Research

PROJECTS

Online Shop using Php (Laravel)
It is an e-commerce website where the admin manages all the work, for example- creating categories, subcategories, adding products. The user can view all products and order anything by adding the product to their cart and the order system will be managed by the admin
.

Real Estate Management System using Php
Inside this system, the real estate company can quickly sell their property and give rent of their property and the user can view all the available properties, and if they want they can buy those properties.

Expense Manager System using Php
In this system, anyone can make their all the expense and income list. And from their income source how much money they have used in different sectors like- grocery, medical, entertainment that can be calculated.

Online Recruitment System in Python (PyCharm)
This online recruitment system is done using Python language. There was 3 modules - profile, vacancy, and status. From the profile module, the applicant can make their profile and modify the shape. In a vacancy, there are all the available circulars; from that, the applicant can apply for the job. In the status module, the user can see if their application is accepted or not, if it is accepted then the applicant will get the written exam link and also the viva link.

Hospital Management System in C# (Visual Studio)
This hospital management system is done by using C# language. In this project, there are two modules named doctor and patients. The user can check the details of the doctor and apply for the doctor's appointment and the admin will check the doctor's schedule and give the appointment. The patient can see the prescription also.

Bank Management System In C++ (Code Blocks)
The Bank Management System is based on a C++ language. It is used to keep the records of clients, employees, etc in the Bank. The bank management system is an application for maintaining a personal account in a bank. The system provides access to the customer to create an account, deposit and withdraw cash from his account.

REFERENCE

Md. Alomgir Hossain
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