Md Shamim Miah

Trainee

TECHNICAL SKILLS

Php (Laravel, Moodle): 7/10

C/C++: 7/10

Database (Mysql): 7/10

Machine Learning And Deep Learning: 6/10

Python (Django): 6/10

Jasvascript: 6/10

Java: 6/10

Git/Github: 7/10

EDUCATION

B.Sc
Pabna University of Science and Technology
Group: CSE
Passing Year: 2024

ENGLISH SKILL

Speaking ★★★★★
Writing ★★★★★
Listening ★★★★★
Reading ★★★★★

BRAIN STATION 23

BIOGRAPHY

A dedicated and hardworking person who is passionate about tackling challenges and learning new things. I have a strong drive for problem-solving and a relentless commitment to self-improvement. I work with and take on challenging projects. My aspiration is to collaborate with professional Software Engineers within a respected IT organization, where I can apply my knowledge and refine my abilities. I am passionate about creating impact software solutions that contribute to the organization's success while fostering my personal growth, creativity, and ongoing learning experiences.

EXPERIENCE

Apr 2024 - Continuing — **Trainee**
Brain Station-23 Plc

PROJECTS

1. MOODLE PLUGIN COURSE PROGRESS TRACKER

Technology Used: PHP, Moodle

Technical Responsibility: Backend and Frontend implementation with Database Design

Project Link: https://github.com/shadman-ahmed-bs23/moodle-local_course_progress_tracker/tree/development-branch

Project Duration: 1 Month

Short Description: The Course Progress Tracker plugin for Moodle enhances administrative oversight by providing insights into student performance and course progress. It allows monitoring of individual student metrics, facilitates tracking of course completion, and offers an overview of grades and progress percentages. Key features include an email notification system for alerting students with incomplete courses and a user-friendly administrative view with consolidated information on courses and enrolled students. Overall, the plugin streamlines performance monitoring, ensuring timely communication and intervention to improve the educational experience.

2. MOODLE MOD PLUGIN "VIDEOPRO"

Technology Used: PHP, Moodle

Technical Responsibility: Backend and Frontend implementation with Database Design

Project Link: https://github.com/Md-Shamim-Miah/mod-moodle-videopro/tree/development-branch

Project Duration: 1 Month

Short Description: The project, named "videopro," is a Moodle mod plugin designed to track student progress in video modules. This plugin integrates a video player that monitors and restricts student actions, preventing them from fast-forwarding until they have watched the video in full at least once. The system records each student's progress, including the current timestamp and maximum progress point, in a database. When a student revisits a video, the player resumes from the previously stored progress point, ensuring continuity. Additionally, upon reaching 100% completion of a video, the student is prompted with a modal asking if they wish to proceed to the next video module, facilitating a guided learning experience.

PROFESSIONAL SKILLS

Software Development 8/10

Communication 9 /10

Team Work 9/10

Problem Solving 9/10

Leadership 8 /10

Ability To Work Under Pressure 8 /10

Analytical Skill 8 /10

Management Skill 8 /10

Punctuality 9 /10

Dedication 10 /10

REFERENCE

Raisul Kabir, CEO at Brain Station 23

Mail: raisul@brainstation-23.com

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3. STUDENT DETAILS MANAGMENT (TODO)

Technology Used: PHP,Moodle

Technical Responsibility: Backend and Frontend implementation with Database Design

Project Link: https://github.com/Md-Shamim-Miah/moodle-Student_Todo_List

Project Duration: 15 days

Short Description: Moodle local plugin, a simple implementation of CRUD operation in moodle.

4. E-COMMERCE WEBSITE

Technology Used: PHP,Laravel

Technical Responsibility: Backend and Frontend implementation with Database Design,Laravel Framework 10

Project Link: https://github.com/Shamim-cse-pust/E-commerce-website

Project Duration: 1 Month

Short Description: This is a E-commerce Website

5. SKIN DISEASE PREDICTION

Technology Used: Machine Learning,Deep Learning,Python,Tensorflow

Technical Responsibility: Machine Learning and Deep Learning implementation in Jupyter Notebook

Project Link: https://github.com/Shamim-cse-pust/Skin_disease_prediction

Project Duration: 1 Month

Short Description: The Skin Disease Prediction Deep Learning Project uses Convolutional Neural Networks (CNNs) and transfer learning to classify skin diseases from images efficiently. By adapting pre-trained models like VGG, ResNet, or MobileNet to a specialized dataset of skin disease images, the project achieves accurate predictions while minimizing the need for extensive training data.

ACHIEVEMENTS

ICPC Asia Dhaka Regional Onsite Contest (2019)

ICPC Asia Dhaka Regional Onsite Contest (2022)

ICPC Asia Dhaka Regional Onsite Contest (2023)