RIMJHIM DEY

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🌍 Chattogram, Bangladesh

GitHub:***https://github.com/RimjhimD***

Codeforces:***https://codeforces.com/profile/Peew***

TECHNICAL SKILLS

Languages: C, C++, Java, Python, JavaScript, PHP, Kotlin.

Web Technologies & Frameworks: HTML, CSS, Laravel

Tools & IDEs: GitHub, VS Code, Android Studio, Code Blocks, Click Up, XAMPP,Spyder,Google Colab

Databases: MySQL

Hardware, IoT & Electronics: ESP32, Arduino, DHT11 & other sensors, prototyping, circuit interfacing

Platforms: Linux , Windows

LANGUAGES

Bengali – Native

English – Proficient

PROFESSIONAL SUMMARY

Ambitious Computer Science undergraduate passionate about software development, AI/ML, and data-driven solutions. Eager to apply academic knowledge to real-world projects, contribute to impactful innovations, and continuously grow through hands-on experience. Currently seeking an internship to further develop skills and make meaningful contributions.

PROJECT EXPERIENCE

CRUDCare – Blood Bank Management System (PHP, HTML, CSS, MySQL)

- Developed secure user authentication and backend data management features.
- Designed interactive homepage for this site.

Github:https://github.com/RimjhimD/CRUDCare-Blood-Bank-Management-System-

PayCraft – Digital Payment UI (HTML, CSS, JavaScript)

- Designed and implemented a responsive payment form and optimized structured transaction tables, improving usability scores in prototype testing by 25%.

Github:https://github.com/RimjhimD/PayCraft

ESP32 Web Server with DHT11 Sensor (C++, Arduino IDE)

- Programmed ESP32 to capture and display real-time temperature & humidity data on a live web interface.

Github:https://github.com/RimjhimD/ESP-32-Web-Server-with-DHT11-Sensor

Bank Management System (Java)

- Developed console-based banking application for deposits, withdrawals, and account tracking.

Github:https://github.com/RimjhimD/Bank-Management-System

Hospital Management System (Laravel)(In Progress)

-Currently developing a hospital management platform with planned features including appointment scheduling, patient records management, and role-based access control.

Skin Cancer Type Detection (AI/ML Python)

-Developed and trained DenseNet, ResNet, and Vision Transformer (ViT) models in **Python** using **Google Colab** for skin cancer classification with the HAM10000 dataset, achieving high accuracy with ViT and validating performance on an additional 200-image dataset.

GoogleDrive:https://drive.google.com/drive/u/0/folders/16Vodjy6n-u8YfI-6qYzmdS6cfYngkvvt

EDUCATION

B.Sc. in Computer Science & Engineering – Premier University, Chattogram (Fall 2022 – Present)

HSC (Science) – Bakalia Government College, Chattogram (2021) | GPA: 5.00

SSC (Science) – Dr. Khastagir Government Girls' High School (2019) | GPA: 5.00

OTHER EXPERIENCE

-Built automatic hand sanitizer dispenser and sensor-based simulation systems using microcontrollers.

- Completed EEE mini-projects as part of academic courses.

-Participated in online coding contests and competitive programming challenges on platforms like Codeforces.

-Engaged in self-learning through online courses and workshops related to web development, AI/ML.

📌 *For more projects and details, visit my portfolio:*

https://rimjhimd.github.io/My-Portfolio/