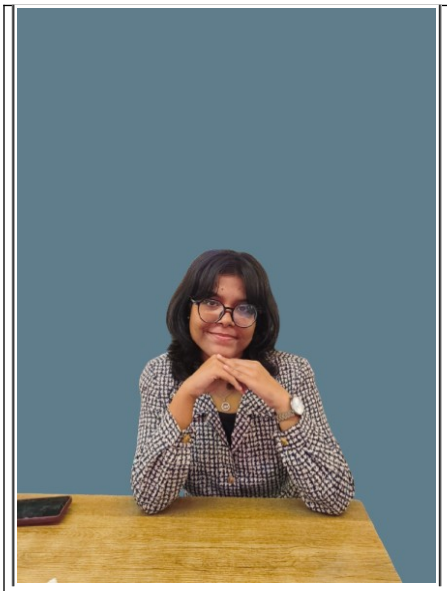

RIMJHIM DEY

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🌍 Chattogram, Bangladesh

GitHub: github.com/RimjhimD

Codeforces: 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, CodeBlocks, ClickUp, XAMPP

Databases: MySQL

Hardware & IoT: ESP32, Arduino, DHT11 Sensor, Other Sensors, Android app development

LANGUAGES

Bengali – Native

English – Proficient

PROFESSIONAL SUMMARY

PROJECT EXPERIENCE

FreeCodeCamp Projects

-Completed web development projects focusing on HTML and CSS fundamentals, building responsive and accessible websites.

Github:https://github.com/RimjhimD/freeCodeCamp-Projects

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

- Developed secure user authentication and backend data management features.
- Designed interactive homepage improving prototype usability by 30%.

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 Project)

-Worked with deep learning models DenseNet, ResNet, and Vision Transformer (ViT) to classify skin cancer types.

-Trained models on the HAM10000 dataset achieving high accuracy with ViT.

-Implemented and tested the model with a new dataset of 200 images to validate performance and improve generalization.

Github:

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 involving automation and IoT applications.