

	<h2>RIMJHIM DEY</h2> <p>☎ 01630083289</p> <p>✉ <a href="mailto:rimjhimdey91@gmail.com">rimjhimdey91@gmail.com</a></p> <p>🌐 Chattogram, Bangladesh</p> <p>GitHub:<a href="https://github.com/RimjhimD">https://github.com/RimjhimD</a></p> <p>Codeforces:<a href="https://codeforces.com/profile/Peew">https://codeforces.com/profile/Peew</a></p> <p>📌 <i>For more projects and details, visit my portfolio:</i></p> <p><a href="https://rimjhimd.github.io/My-Portfolio/">https://rimjhimd.github.io/My-Portfolio/</a></p>
<h3>TECHNICAL SKILLS</h3> <p><b>Languages:</b> C, C++, Java, Python, JavaScript, PHP, Kotlin.</p> <p><b>Web Technologies &amp; Frameworks:</b> HTML, CSS, Laravel</p> <p><b>Tools &amp; IDEs:</b> GitHub, VS Code, Android Studio, Code Blocks, Click Up, XAMPP, Spyder, Google Colab</p> <p><b>Databases:</b> MySQL</p> <p><b>Hardware, IoT &amp; Electronics:</b> ESP32, Arduino, DHT11 &amp; other sensors, prototyping, circuit interfacing</p> <p><b>Platforms:</b> Linux , Windows</p> <h3>LANGUAGES</h3> <p>Bengali – Native</p> <p>English – Proficient</p>	<h3>PROFESSIONAL SUMMARY</h3> <p>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.</p> <h3>PROJECT EXPERIENCE</h3> <p><b>CRUDCare – Blood Bank Management System (PHP, HTML, CSS, MySQL)</b></p> <ul style="list-style-type: none"> <li>- Developed secure user authentication and backend data management features.</li> <li>- Designed interactive homepage for this site.</li> </ul> <p>Github:<a href="https://github.com/RimjhimD/CRUDCare-Blood-Bank-Management-System-">https://github.com/RimjhimD/CRUDCare-Blood-Bank-Management-System-</a></p> <p><b>PayCraft – Digital Payment UI (HTML, CSS, JavaScript)</b></p> <ul style="list-style-type: none"> <li>- Designed and implemented a responsive payment form and optimized structured transaction tables, improving usability scores in prototype testing by 25%.</li> </ul> <p>Github:<a href="https://github.com/RimjhimD/PayCraft">https://github.com/RimjhimD/PayCraft</a></p> <p><b>ESP32 Web Server with DHT11 Sensor (C++, Arduino IDE)</b></p> <ul style="list-style-type: none"> <li>- Programmed ESP32 to capture and display real-time temperature &amp; humidity data on a live web interface.</li> </ul> <p>Github:<a href="https://github.com/RimjhimD/ESP-32-Web-Server-with-DHT11-Sensor">https://github.com/RimjhimD/ESP-32-Web-Server-with-DHT11-Sensor</a></p>

### **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 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.