# HIMEL PAUL

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[GitHub](#)  [Linkedin](#)  [LeetCode](#)

## SKILLS

- ❖ **Programming Languages:** C++, Python, Java.
- ❖ **Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, PHP, MySQL.
- ❖ **Tools & Technologies:** Machine Learning, Git, GitHub, Docker, AutoCAD (2D/3D), MS Office Suite.

## EDUCATION

- ❖ **B.Sc. in Computer Science & Engineering |** Green University of Bangladesh        *CGPA: 3.23 | Jan 2022 - Dec 2025*
- ❖ **Higher Secondary Certificate |** Kurigram Government College        *GPA: 5.00| 2020*
- ❖ **Secondary School Certificate |** Kurigram Collectorate School and College        *GPA: 5.00| 2018*

## PROJECTS

***Mental Health Risk Prediction*** *(Python, scikit-learn, Django)*  [GitHub](#)
- ❖ Designed **ML pipeline** for mental health risk assessment, including **preprocessing**, **training**, and **model evaluation**.
- ❖ Integrated trained model into a Django web app to provide **real-time predictions** with user-friendly **form inputs**.

***CipherX – Multi-Layer File Encryption Tool*** *(C++)*  [GitHub](#)
- ❖ Designed and developed a robust **multi-layer encryption system** combining ciphers for enhanced security.
- ❖ Implemented **custom key management** and optimized file **I/O handling**, ensuring **secure data protection**.

***Rexes Lab – Dynamic Blogging Platform*** *(HTML, CSS, JavaScript, PHP, MySQL)*  [GitHub](#)
- ❖ Developed a secure blogging platform with **password hashing, session management,** and content publishing.
- ❖ Optimized database queries and **access control**, improving speed and security and **reducing unauthorized access**.

***MyMed – Medicine Inventory & Pharmacy Locator*** *(Java, Swing)*  [GitHub](#)
- ❖ Implemented fuzzy search with **real-time inventory** lookup and **distance-based** nearest pharmacy suggestions.
- ❖ Designed an **admin dashboard** with full inventory **CRUD** and sales tracking for efficient **pharmacy management**.

## ACHIEVEMENTS & CERTIFICATIONS

***1st Place Winner | GUB Robotics Competition***        *Mar 2023*
- ❖ **Achieved 1st place** (among 15 teams) by developing a highly efficient **autonomous line-following robot**.

***Professional Training in Python | EDGE Project, ICT Division***  Link        *Nov 2024 - Feb 2025*
- ❖ Completed an 80-hour training on **Python & Django** under IIT, as part of the Government's EDGE Project.

## EXPERIENCE

***Research Trainee | Green University of Bangladesh***        *Jan 2025 - Dec 2025*
- ❖ Developing and **fine-tuning Deep Learning models** for an AI-driven Mental Health Support system.
- ❖ Generated empathetic, context-aware responses using **NLP, fine-tuning, and regression** *(Python, Transformers)*.

***Sales Assistant | Family Grocery Store***        *Jan 2015 - Dec 2021*
- ❖ Efficiently managed store operations, including **customer service, billing, inventory control, and cash handling.**
- ❖ Ensured accurate records and developed strong **communication** and **problem-solving skills**.