

# Md Abdullah Ibne Hayan

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## SKILLS

- Languages:** Python, C, C++, Java, JavaScript
- Frameworks:** HTML and CSS
- Tools/Platforms:** Google Colab, Scikit-Learn, TensorFlow, MySQL
- Soft Skills:** Adaptability, Creativity, Reliability, Time Management

## PROJECTS

HeartSense - Heart Disease Prediction | [GitHub](#)

Jul' 25 – Aug' 25

- Built a predictive model using Logistic Regression to analyze patient health data and estimate heart disease risk accurately.
- Performed feature preprocessing and applied hyperparameter tuning to significantly enhance overall model performance.
- Evaluated the model using key metrics to ensure high accuracy, reliability, and practical effectiveness.

Tech: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Google Colab

SecureSwipe - Credit Card Fraud Detection | [GitHub](#)

May' 25 – Jun' 25

- Developed a Logistic Regression model in Python to accurately detect and classify fraudulent credit card transactions.
- Executed data cleaning, feature scaling, and addressed class imbalance to significantly improve detection reliability.
- Optimized the model to minimize false positives and further enhance its overall predictive performance.

Tech: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Google Colab

StudentHub - Student Management System | [GitHub](#)

Jun' 24 – Aug' 24

- Designed and developed a web-based Student Management System to manage and track student records.
- Implemented key features like student registration, secure data storage, record updates, and search functions.
- Improved user experience with a clean interface and ensured reliable data handling and validation.

Tech: HTML, CSS, JavaScript, Python, MySQL

## CERTIFICATES | CERTIFICATIONS

|                                                                                                       |         |
|-------------------------------------------------------------------------------------------------------|---------|
| Master Generative AI & Generative AI tools (ChatGPT & more)   Udemy   <a href="#">Certificate</a>     | Aug' 25 |
| C++ Programming: OPPs and DSA   CSE Pathshala   <a href="#">Certificate</a>                           | Jul' 25 |
| GenAI Mastery for Students and Educators   Udemy   <a href="#">Certificate</a>                        | Dec' 24 |
| Software Engineering: Implementation and Testing   Coursera   <a href="#">Certificate</a>             | Apr' 24 |
| Advanced Search Engine Optimization Certification Program   Simplilearn   <a href="#">Certificate</a> | Feb' 24 |

## ACHIEVEMENTS

- Received an IEEE Certificate for presenting a research paper at an IEEE technical conference. | [Certificate](#)
- Awarded 2nd place in Innovation Ideation 2024, an idea-generation competition, for proposing an innovative and feasible solution.

## EDUCATION

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|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>Lovely Professional University</b><br>Bachelor of Technology - Computer Science and Engineering; CGPA: 7.0 | Punjab, India<br>Aug' 23                  |
| <b>Islamia College, Rajshahi</b><br>Higher Secondary; Percentage: 90%                                         | Rajshahi, Bangladesh<br>Jun' 19 – Jul' 21 |
| <b>Koladi High School, Pabna</b><br>Secondary School; Percentage: 86%                                         | Pabna, Bangladesh<br>Jan' 17 – May' 19    |