

# Piyal Chakraborty

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Chattogram, Bangladesh — [in LinkedIn](#) — [GitHub](#)

Born: 19 August, 2002

## SUMMARY

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I'm studying Bachelor of Science in Electronics and Telecommunication Engineering at CUET, passionate about Machine Learning, Deep Learning and Data Science. Eager to explore real-world applications, I aim to learn, collaborate, and make an impact through data-driven solutions.

## SKILL SUMMARY

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- ✔ **LANGUAGES:** Python, C, C++, HTML, React.js, Tailwind CSS, Node.js
- ✔ **Frameworks:** Pandas, Numpy, Scikitlearn, Matplotlib, OpenCV
- ✔ **Tools:** MS WORD, EXCEL, POWERPOINT
- ✔ **Platforms:** PyCharm, Jupyter Notebook, Visual Studio code, KAGGLE

## INTERESTS

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- ♥ Machine Learning, Deep Learning, Data Science.
- ♥ Music, Gaming, Football.

## EDUCATION

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### B.Sc in Electronics and Telecommunication Engineering (ETE)

Chittagong University of Engineering & Technology, Bangladesh

01/2023 - Present

**Relevant Courses:** Signals & Systems, Control System, Data Structures & Algorithms, Digital Signal Processing, Digital Communication

**CGPA:** 3.77

### Higher Secondary Certificate (HSC)

Govt. Hazi Mohammad Mohsin College, Bangladesh

GPA: 5.00

01/2019 - 12/2021

## PUBLICATIONS

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- **A PRARALLEL CNN-ViT FEATURE EXTRACTION FRAMEWORK WITH BAYESIAN-OPTIMIZED SVM FOR SEMICONDUCTOR WAFER MAP DEFECT CLASSIFICATION.**

This paper has been presented in the 3<sup>rd</sup> International conference on Big Data, IoT and Machine Learning, BIM 2025 <https://confbim.com/> also published in SPRINGER LECTURE NOTES IN SYSTEMS. 26/09/20254

## PROJECTS

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### Deep Learning

03/2025-Present

- Repository with Deep learning basics and projects
- [GitHub link](#)

### Machine Learning

08/2024 - Present

- Repository with ML algorithms, preprocessing, and deep learning using scikit-learn, TensorFlow, and PyTorch.
- [GitHub link](#)

## **Pandas Project - Data Analysis & Manipulation**

07/2024 - Present

- Showcasing various projects demonstrating Pandas data analysis techniques.
- [GitHub link](#)

## **Python Projects**

11/2023 - Present

- [GitHub link](#)

## **Web Development Projects**

09/2023 - 10/2023

- Front-end projects in web development.
- [GitHub link](#)

## **EXTRA CO-CURRICULUM**

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- 🏆 Executive member at IEEE CUET SB.
- 🏆 General member at JOYODDHONY CUET