

Bibek Kundu

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

- Jalpaiguri Government Engineering College** Nov. 2024 – July 2027 (Expected)
Bachelor of Technology in Computer Science and Engineering Jalpaiguri, India
- Siliguri Government Polytechnic** Nov. 2021 – July 2024
Diploma in Computer Science and Technology; Percentage: 89.2 Siliguri, India
- Alipurduar High School (H.S.)** Jan. 2014 – July 2020
10th – WBBSE board; Percentage: 77.71 Alipurduar, India

SKILLS

- Languages :** C, C++, Python, Java, HTML/CSS
- Technologies :** AI & Machine Learning, Web Development, Canva
- Database:** MySQL
- Versioning & Tools :** Git, GitHub, VS Code, Tableau, Jupyter Notebook
- Core Subjects :** Data Structures, Algorithms, Data Base Management System

EXPERIENCE

- Research Intern — NIT Silchar** June 2025 – Present
Department of Computer Science & Engineering
 - Developed and fine-tuned deep learning models, including CNNs and ResNet101, for automated **rice leaf disease classification**.
 - Trained models on annotated rice leaf image datasets for diseases such as **Bacterial Blight, Brown Spot, and Blast**.
 - Applied techniques such as **data augmentation, TTA, and Focal Loss** to improve class balance and boost performance.
 - Conducted performance evaluation using metrics like **Accuracy, Precision, Recall, and F1-score** to identify the best-performing model.
 - Documented experimental results and provided recommendations for future model optimization and deployment.

PROJECTS

ResumeBuilder

HTML, CSS, JavaScript

[GitHub](#) | [Deployment](#)

- Built an online platform to create professional, **ATS-friendly resumes** with **customizable templates** and a user-friendly interface.

ATS Resume Checker

Python (Streamlit, Google Generative AI, pdf2image)

[GitHub](#)

- Created a **resume screening web app** simulating ATS functionality using **Gemini Pro (Google Generative AI)**.
- Implemented **PDF-to-Image Parsing** for compatibility with AI vision analysis.
- Provided **percentage-based job match**, detailed feedback, and upskilling suggestions.
- Ensured security via **python-dotenv** for API key management.

ACHIEVEMENTS

- Secured **3rd place** in College Tech fest **SRISTI- 2025 MAZEMARIZE** Event.
- Achieved **89.2%** in Diploma in Computer Science & Technology.