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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Technology, Guwahati	7.94(Current)	2023-Present
Senior Secondary	HSC Board	82.33%	2023
Secondary	ICSE Board	96.16%	2021

PROJECTS

- **Semi Supervised Weed Detection Model** February 2025
Kriti 2025 Problem Statement [Link](#)
 - Engineered a YOLOv8-based weed detection model addressing real-world agricultural challenges.
 - Applied advanced methodologies such as FixMatch and high-confidence pseudo-labeling.
 - Enhanced model performance using innovative data augmentation and semi-supervised learning techniques.
- **Finetuning GPT2 for Customer Support** June 2024
Consulting and Analytics Club [Link](#)
 - Customized GPT-2 using Hugging Face Transformers on a domain-specific dataset.
 - Built and deployed an interactive web app leveraging Flask for real-time customer interaction.
- **JOSAA Data Scraper** May 2024
Coding Club [Link](#)
 - Developed an automated scraping tool using Python, Selenium, and BeautifulSoup to extract seat allocation data.
 - Optimized data processing workflows by structuring extracted data into organized CSV formats with Pandas.
- **Student Management System** December 2024
Personel Project [Link](#)
 - Created a secure CRUD-enabled student management system integrating Python (Tkinter) and MySQL.
 - Designed an intuitive GUI that improved system usability and streamlined user operations.

POSITIONS OF RESPONSIBILITY

- **Core Team, Techniche, IIT Guwahati** Sept 24-
 - Coordinated the Guwahati Half Marathon 2024 and Techniche 2025 events.
 - Spearheading planning for upcoming editions in 2025.
- **Associate, Consulting & Analytics Club, IIT Guwahati** Aug 24-
 - Cleared both rounds of **Krack the Hack**, 2 days long AI-ML Hackathon.
 - Organised **Convolve 3.0**, a PAN-IIT hackathon.
 - Working on a **Techevince** (annual club project showcase) project with the club.

ACHIEVEMENTS

- **MnAnalyse:** Global Rank in Top **10** among **2000+** teams, organised by *Finance & Economics Club, IIT Guwahati.* 2024
- **ImpactHacks:** Rank 2 among **500+** teams, organised under *Prayatna*, socio-welfare fest of *IIT Guwahati.* 2025
- **JEE Advanced 2023:** Secured AIR **4120** among **0.20 million** candidates appearing for the test.
- **JEE Mains 2023:** Ranked among top **0.52%** of over a million candidates appearing for the exam.

TECHNICAL SKILLS

- **Programming:** Python, C/C++ *
- **Web Development Tools:** Flask*, Tkinter*
- **Data Processing Tools:** NumPy, Pandas, Matplotlib, Seaborn, SQL*
- **Tools and Frameworks:** Pytorch*, Tensorflow, Keras, Scikit-learn, Git*, Selenium*, BeautifulSoup*.

**Elementary Proficiency*

KEY COURSES TAKEN

- **Mathematics and Computer Science:** Differential Equations, Single and Multi-variable Calculus, Complex equations, Introduction to Computing.
- **MOOCs:** Deep Learning Specialization by *deeplearning.ai*, *Complete ML,DL,NLP Bootcamp* by *Krish Naik*, Summer Analytics, Winter Consulting.

EXTRACURRICULARS

- **Hockey:** Secured **Silver Medal** for my hostel in *Spardha* Inter-Hostel Sports Competition. 2024
- **Robotics:** Secured **Bronze Medal** for my hostel in *Kriti* Inter-Hostel Technical Competition. 2024
- **Group Dance:** Participated for my hostel in *Manthan* Inter-Hostel Cultural Competition. 2024