



Prashant Kumar Gautam

Roll No.: BTECH/10467/22

B.Tech.Electronics and Communication Engineering
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Prashant725

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EDUCATION

Birla Institute of Technology Mesra <i>B.Tech. ECE</i>	2022 - 2026 CGPA: 7.63
Delhi Public School, Bokaro Steel City <i>Central Board of Secondary Education</i>	2021 Percentage: 87.60
D.A.V. Public School, H.F.C. Barauni <i>Central Board of Secondary Education</i>	2019 Percentage: 95.00

PROJECTS

Diabetes Prediction System Python, Scikit-learn, Pandas Built a machine learning model using Random Forest achieving 88% accuracy on the PIMA dataset. Improved performance by 12% via feature selection and hyperparameter tuning.	April 2023
Tic-Tac-Toe Web App HTML, CSS, JavaScript Developed a responsive web app using HTML, CSS, JS to handle user clicks, track state, and check win conditions. Achieved 40% higher user engagement and 35% faster load time .	June 2024
Plant Disease Detection System Python, TensorFlow, Keras, ResNet50, CSS, JavaScript Trained ResNet50 on 21,000+ leaf images to classify 15 diseases with 93.4% accuracy . Added severity prediction and treatment suggestions; deployed on Hugging Face with 25% faster inference .	May 2025

EXPERIENCE

Certificate of Completion 1 month Internship at Prodigy InfoTech in Web Development domain from 1st June- 30th June 2024	June, 2024
Internship at N.T.P.C. Barauni Completed a 1.5 months summer internship at N.T.P.C. Barauni where I have learned about the basic operations of power plant with special focus on application of control and instrumentation in the power plant.	July, 2025

CERTIFICATIONS

Letter of Recommendation Letter of Recommendation from Prodigy InfoTech for 1 month Internship in Web Development domain from 1st June- 30th June 2024	June, 2024
NCC B-Certificate B Certificate from NCC, 3 JHAR CTC NCC unit.	Mar, 2024

RELEVANT COURSES

Data Structures and Algorithms	Web Development	Machine Learning
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TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, CSS, HTML, JavaScript, SQL
Developer Tools: VS Code, GitHub, Matlab, Power BI, MS Excel
Soft Skills: Communication, Teamwork, Problem-solving, Time Management, Critical Thinking
Extra Curricular Activities: Football, Atheletic Activities, National Cadet Corps(NCC)

POSITIONS OF RESPONSIBILITY

Vice President , ECE Society, BIT Mesra	April 2025- Present
Information Gathering , ECE Newsletter	March 2024-Present

ACHIEVEMENTS

Runner up in "Sudden Switch" Event in Annual Fest of College BIT Mesra	2024
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