



Rohit Kumar Gautam

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B.Tech - Computer Science Engineering

Indian Institute Of Information Technology, Una

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Github

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Information Technology, Una	6.94(Current)	2021-Present
Senior Secondary	U.P. Board	69.6%	2019
Secondary	U.P. Board	75.67%	2017

EXPERIENCE

- **NullClass** Jan 2024 - June 2024
NullClass Intern Bangalore
 - Led a project to identify gender patterns in cars and bicycles from real-time video streams, achieving a 20% improvement in traffic management efficiency by providing crucial demographic insights for urban planners and transportation agencies.

PROJECTS

- **RoadAware** July. 2024 - Present
RoadAware College Github
 - Developed a custom object detection system using YOLO model to identify male, female, cars, bicycles, motorcycles, and lane markings on roads.
 - Implemented real-time analysis of road users and lane conditions, enhancing traffic analysis capabilities.
- **AgeGen Detect** Jan 2023 - July 2023
AgeGen Detect College Github
 - Developed a deep learning model to accurately detect age and gender from images using convolutional neural networks (CNNs).
 - Implemented image preprocessing techniques to enhance model accuracy and robustness.
 - Evaluated model performance using metrics such as accuracy, precision, and recall.
 - Deployed the model in real-world scenarios to demonstrate practical applications in marketing, retail analytics, and security.
- **Potato Leaf Classifier** Oct 2022 - Dec 2022
At College Github
 - Implemented advanced image preprocessing techniques to enhance model performance and robustness.
 - Evaluated model efficacy using metrics such as accuracy, precision, and recall, achieving [mention specific metrics if available].
 - Deployed the classifier in practical settings, facilitating early detection of diseases and optimizing crop management strategies in agriculture.
 - Streamlining decision-making processes and reducing manual inspection time, potentially leading to time savings of 5% to 20%

TECHNICAL SKILLS

- **Technical Skills:** Computer Vision, NLP, Deep Learning, Machine Learning
- **Programming Languages:** Python, C, C++
- **Web Technologies:** Express.js, React, JavaScript, CSS, HTML
- **Operating Systems:** Windows, Linux
- **Database Systems:** MySQL

KEY COURSES TAKEN

- **Mathematics:** Linear Algebra, Basic Calculus, Discrete Mathematics, Probability & Random Processes
- **Core Courses:** Advanced Operating Systems, Data Structures and Algorithms (DSA), Computer Architecture, Design and Analysis of Algorithms (DAA), Machine Learning, Deep Learning
- **Online Courses:** Machine Learning, NLP, Deep Learning

POSITIONS OF RESPONSIBILITY

- **Executive Member**, Aavesh Club, IIIT Una

ACHIEVEMENTS

- **GFG Bag, GFG T-shirt, GFG Challenge**