

ABHINAV GAUTAM

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Education

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| Bennett University, UP <i>B.Tech in Computer Science & Engineering</i> | 2021 - 2025 |
| | 9.3/10 CGPA |
| Kendriya Vidyalaya, Lodhi Colony, New Delhi <i>Class XII</i> | 2021 |
| | 88% |

Internship Experience

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| Samsung R&D Delhi <i>Software Development Trainee</i> | August 2025 – Ongoing |
| | <i>Onsite</i> |

- Contributing to the development of cutting-edge software solutions as part of the Cloud Platform Team.
- Created Agentic AI solutions to enhance automation and intelligent decision-making for cloud-based workflows.
- Worked extensively with MCP Server, AWS Cloud Services, and Apache JMeter for performance testing and infrastructure optimization.
- Tech stack use LLM, Autogen, AWS**

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| Celebal Technologies | May 2024 – July 2024 |
| <i>Data Science Intern</i> | <i>Remote</i> |

- During this internship, I developed a Customer Segmentation report on the dataset provided by the company it self, which involved data cleaning and generating insights through exploratory data analysis (EDA).
- Develop a machine learning project using the KNN classifier on a company-provided dataset to determine whether a loan should be granted to an individual based on their details.
- Utilize machine learning techniques to classify the results and make predictions.
- Tech stack use KNN**

Projects

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| Drone-Intruder-Detection | Source Code |
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- It Tool that is created using deep learning and Gazebo Simulator
- Gazebo Simulator is used to create environment for the drone
- Deep learning used to detect the enemy in the environment and tell how many enemy is present and use OpenCV to get the coordinates of the Enemey in the environment
- Frontend UI is created using **HTML** and **CSS** and **Flask** is used Backend
- Training Accuracy **97%** Validation Accuracy **96%** [Link](#)

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| Papilledema-Pseudopapilledema | Source Code |
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- It's Medical Field tool created using Deep learning.
- Papilledema-Pseudopapilledema is medical condition in which their is a swelling in optic disc due to elevated intra cranial pressure
- Frontend - UI is created using **HTML** and **CSS** Backend is in **Flask**
- Training Accuracy **89%** and Validation Accuracy **88.4%**

Technical Skills

Languages: Python,C++

Frontend:HTML, CSS, Bootstrap

Framework:Tensorflow,Scikit-learn

Clouds & Databases:SQL

Developer Tools: Postman, VS Code, GitHub

Certifications

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| Certified in IBM Data Analyst | Dec 2022 |
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| Certified in Microsoft Excel | May 2022 |
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| Certified in Neural Network by Deeplearing.ai | March 2024 |
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| Certified in bits and bytes of Networking by Google | March 2023 |
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Algorithmic Competitions/Achievements

- Solved **340** DSA problems from **LeetCode**, building problem solving skills.
- Rated on LeetCode with Rating 1744 (Top 9.99%).
- Secured **Rank 1/500+** participants in the Silver Zone Competition
- Rank **5315** in Hackathon hosted by CodingNinjas.