

Ayush Bajpai

+91 9193025506 | ayushbajpai1711@gmail.com | [linkedin.com/in/MrAyushBajpai](https://www.linkedin.com/in/MrAyushBajpai) | github.com/MrAyushBajpai

Education

B.Tech in Artificial Intelligence and Machine Learning

G.L. Bajaj Institute of Technology and Management

2022 - 2026

Greater Noida, UP, India

Class - XII

G.C. Public School – CBSE

2022

Muzaffarnagar, UP, India

Grade: 85.6%

Class - X

G.C. Public School – CBSE

2020

Muzaffarnagar, UP, India

Grade: 85.6%

Experience

Design and Media Team Member

Shrinik Club – G.L. Bajaj Institute of Technology and Management

Jan 2023 - Dec 2023

Greater Noida, UP, India

- Designed Various Posters, Images and Videos for various events, as well as social media of the club.
- Most Notably, create a cinematic welcome video for the CEO and founder of Coding Ninjas, and was complimented by him.
- Worked with many people under a mentor, significantly improving teamwork skills.

Head Boy

G.C. Public School

Apr 2021 - Jun 2022

Muzaffarnagar, UP, India

- Managed over 30 events in school as the main head, encouraging everyone to do what they love doing, while getting all the work done in an efficient manner.
- Hosted a few robotics events alongside my mentor, creating and maintaining different projects, and assigning and explaining them to different people to showcase them in events.

Projects

Auto Brightness Windows (<https://github.com/MrAyushBajpai/auto-brightness-windows>)

A **Solo** Python Script and Executable File, to bring adaptive brightness to unsupported Windows Systems. Uses the front camera to estimate the brightness in surrounding area and update the brightness of screen accordingly.

- Python Based
- Uses OpenCV Library for camera access and brightness estimation
- Uses custom library to handle screen_brightness of Windows Machines

Disaster Management Tool (<https://github.com/MrAyushBajpai/Disaster-Management-Tool>)

A **Group** project for Smart India Hackathon 2023, which allows to get all necessary information to stay up to date with information regarding Disasters, such as current events, any training drills nearby and more.

- Web Technology Based (HTML, CSS, JavaScript, Node.js)
- Worked as programming lead in a team of 5 members

Secure Drive (<https://github.com/MrAyushBajpai/SecureDrive>)

An **Ongoing Solo** Project, which should be the replacement of regular driving tests, which due to corruption in India prevent proper test from taking place, and hence do not allow to judge one's road abilities well. This will use face recognition technology to make sure the person giving the test is the right one and use ambient noises to make sure no cheating is being done.

- Front End Based on Web Technologies (HTML, CSS, JavaScript)
- Facial & Audio Recognition Based on Python Django/Flask – **Currently in progress**

Technical Skills

Languages: Python, C/C++, Java, HTML/CSS, JavaScript, SQL, C#, Lua, Dart

Developer Tools: Git, GitHub, Linux, Docker, VS Code, Visual Studio, Pycharm, IntelliJ, Vim

Framework: pandas, NumPy, Matplotlib, Tkinter, OpenCV