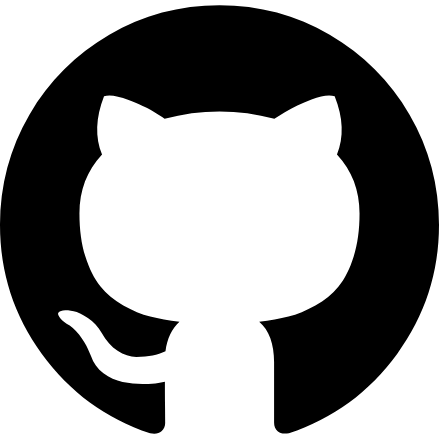
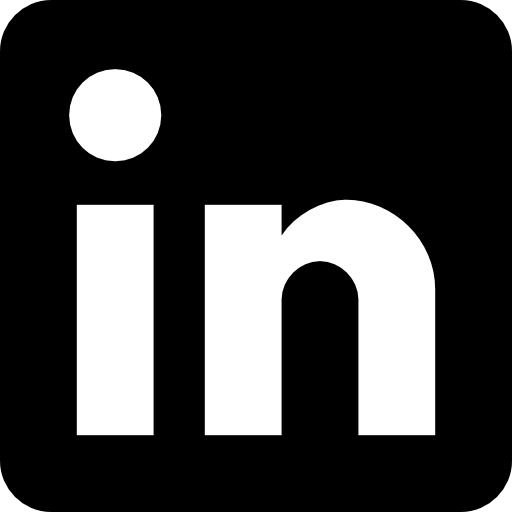
AYUSH KAMAL

[ayushkamal222@gmail.com](mailto:ayushkamal222@gmail.com) | (+91) 7366828205

 [@Austin2712  [/AyushKamal](https://www.linkedin.com/in/ayush-kamal-0bb751315/)](https://github.com/Austin2712)

Computer Science student specializing in AI & ML, skilled in Mern-stack development and ML models, with hands-on experience in building AI-driven applications and leading technical projects.

# SKILLS

* C++ , Java
* HTML, CSS, Javascript
* React.JS ,
* Git/GitHub

# EDUCATION

|  |  |
| --- | --- |
| * Computer Science and Engineering (AI&ML) | VIT Bhopal University | *CGPA : 8.27 | (Sept’**23 - Sept’27)* |
| * XII (CBSE) - PCMB | Gyan Jyoti Internationals, Danapur, Bihar | *70% | 2022* |
| * X (CBSE) | Kendriya Vidyalaya No.1, Patna, Bihar | *72.4% | 2020* |

**EXPERIENCE**

* **ML Model of fault detection diagnosis in Air Braking System** *(Nov’24- Mar’25)*
  + Developed a ML Model of fault detection diagnosis in Air Braking System.
  + Enhanced user engagement and tackled real world issue from this project – Python, Docker, ML, AWS. [[GitHub Link]](https://github.com/Austin2712/Fault-Detection-Diagnosis)

# PROJECTS

* **Astro-Homie***(A Frontend Project)*

**Astro-Homie** is a visually immersive web platform designed to ignite curiosity about space and astronomy. It combines interactive 3D models, real-time space news, and celestial visuals to make users fall in love with the cosmos—one star at a time.

* + **Technologies :** HTML, CSS, JavaScript, Three js, GlB
  + **GitHub Link :** Astro-[Homie](https://github.com/Austin2712/Astro-Homie)
* **Spotify - Reimagined** *(An API Built Project)*

Developed an API based project of a song playing system, that can fetch song using the API that is built my me and can also fetch all the descriptions and other related information. Acts like a song player with a responsive UI of Spotify

* + **Technologies :** HTML, CSS, Spotify
  + **GitHub Link :** [Spotify](https://github.com/Austin2712/Spotify)-Reimagined

# ACHIEVEMENTS

* **Authored an IEEE Research Paper** *(Oct’24 - Feb’25)*
  + Authored a peer-reviewed paper accepted at a prestigious IEEE conference and published in IEEE Xplore
  + **Paper Name:** *Network Coding For Fault-Tolerant Transmission Of Biomedical Data*
  + **Conference:** International Conference on Intelligent Control, Computing and Communications (IC3) - (13th Feb’25 - 14th Feb’25)
  + **Paper Link :** [[Link to the Paper]](https://ieeexplore.ieee.org/abstract/document/10956196)