

# Ayush Bansal

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## SUMMARY

- **Machine Learning** Engineer, **Full stack web developer** and **Blockchain** intermediate developer.
- **Won Hackin summer hackathon** conducted by IIIT 62 Noida.
- Got qualified in 1st level for **Smart India Hackathon** and **Flipkart Grid 4.0**
- Worked under college faculty on research projects based on semantics.

## SKILLS

- **Full stack web developer** with efficiency in **Django** and **Flask**, **Javascript**, **PHP**, **SQL**, **Docker** and **MERN** stack. Experienced with integrating various **APIs** and **databases** like **Salesforces**, **Stripe API**, **SocketIO** etc.
- Experienced in application development with **React Native**.
- **Blockchain** developer with expertise in **Ethereum** (Solidity, Polygon, Alchemy), **Brownie** (Python and Javascript) and **Solana** with **Rust** Programming.
- **ML Engineer** with tech stack – **Pandas**, **Matplotlib**, **Numpy**, **Scikit Learn**, **NLTK**, **Tensorflow** and **Keras**. Developed projects based on **Natural Language Processing** and **Convolutional Neural Networks**. Developed projects with libraries like **Geopandas**, **Fiona**, **Hugging Face** etc.
- Proficient in **algorithms** and **problem-solving** with languages like **Python**, **C** and **C++**.

## VOLUNTEER EXPERIENCES

**Google Developer Student's Club**  
*Technical Coordinator*

**Noida, India**  
*August 2022 - Present*

**IEEE Student Branch IIIT**  
*Management Volunteer*

**Noida, India**  
*November 2021 - August 2022*

## PROJECT EXPERIENCES

- **ICSC'22** -Designed and developed the official ICSC 2022 website for IIIT using PHP and Bootstrap 3. Official website <https://www.jiit.ac.in/jiit/ICSC/>.
- **RAMSA'22** -Designed and developed the official RAMSA 2022 website for IIIT using PHP and Bootstrap 5. Official website <https://www.jiit.ac.in/jiit/ramsa/>.
- **ICABB'23** - Designed and developed the official ICABB 2023 website for the IIIT using Bootstrap 5 and JQuery. Official website - <https://icabb2023.com/>
- **Flipkart Grid 4.0** - Developed a project based on minting and burning NFTs for products upon sale and expiry respectively. The project uses Brownie and Flask for the server and React for client-side deployment. <https://github.com/ayushb2002/flipgrid4>
- **LandRegistryNFT** - Developed a project based on NFT minting for a project based on digitalizing the land registry system and solving the loopholes in the Indian system with blockchain. <https://github.com/ayushb2002/polygon-land-registry>
- **VskillUp** - Developed a project in Python Django and Bootstrap 5 with integrated sentence transformer and grammar correction models from HuggingFace with the goal to provide a subjective method for learning English and increasing vocabulary. <https://github.com/ayushb2002/VskillUp>
- **BankServer in C** - Developed a project based on socket programming and Linux in C by creating an employee server for a bank and recording all the transactions in a self-made blockchain. <https://github.com/ayushb2002/bankServer>
- **AuSum** - Developed an NLP model to summarize text and generate notes from text transcribed from an audio file using python libraries. <https://github.com/ayushb2002/AuSum>
- **Green Fridge** - Integrated the stale food classification model trained using the ResNet50 model from TF Hub, to a mobile application developed on React-Native using Restful API for backend integration. <https://github.com/ayushb2002/greenFridge>
- **CBI** - A website built using PHP and SQL as a DBMS for security agencies. <https://github.com/ayushb2002/CBI>

## EDUCATION

**Jaypee Institute of Information Technology-62**  
*B Tech, Computer science (current CGPA 8.8)*

**Noida, India**  
*2020 - 2024*

**DAV Public School**  
*12th CBSE ( 94.6%)*

**New Delhi, India**  
*2020, 2018*

## CERTIFICATES

**Best 2nd-year IIIT team in Hackin Summer Hackathon**

[View Certificate](#)