Ayush Bansal

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SUMMARY

- **Machine Learning** Engineer, **Full stack web developer** and **Blockchain** developer.
- **Won Hackin summer hackathon** conducted by JIIT 62 Noida.
- **Won TechHacks 3.0 hackathon** conducted by Chitkara University, Chandigarh.
- Got qualified in 1st level for **Smart India Hackathon** and **Flipkart Grid 4.0**

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).
- **ML Engineer** with tech stack – **Pandas, Matplotlib, Numpy, Scikit Learn, NLTK, Tensorflow and Keras**. Developed projects based on **Natural Language Processing**. 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   **Noida, India**
Technical Coordinator   *August 2022 - Present*

IEEE Student Branch JIIT   **Noida, India**
Management Volunteer   *November 2021 - August 2022*

PROJECT EXPERIENCES

- **ICSC'22** -Designed and developed the official ICSC 2022 website for JIIT 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 JIIT 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 JIIT using Bootstrap 5 and Jquery. Official website - https://icabb2023.com/
- **WarrantyNFT** - Developed a project based on minting and burning NFTs for products on sale and expiry respectively. The project uses Vite.js for front end and the contract has been deployed on polygon testnet. https://github.com/ayushb2002/warrantyNFT/
- **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 using 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
- **Decent ID** - Developed a project for decentralizing identity of Indian users via linking their metamask wallets with their aadhaar card to protect from online banking and UPI frauds. Deployed at https://eth-for-all-wine.vercel.app/

EDUCATION

Jaypee Institute of Information Technology-62   **Noida, India**
B Tech, Computer science (current CGPA 8.8)   *2020 - 2024*

DAV Public School   **New Delhi, India**
12th CBSE (94.6%)   *2018 - 2020*

CERTIFICATES

Best 2nd-year JIIT team in Hackin Summer Hackathon   View Certificate
Best Web3.0 Project in TechHacks3.0 hosted by Chitkara University   View Certificate