

# PRANSHU GUPTA

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## EDUCATION

**BMS College Of Engineering**  
*B.tech in ECE, CGPA: 8.0/10*

**2021-2025**  
*Bangalore, India*

## TECHNICAL SKILLS

**Languages:** Python, C++, C, JavaScript, SQL, Solidity

**Frameworks:** Django, Flask, Tailwind, Bootstrap, Langchain

**Database:** PostgreSQL, MongoDB

**Libraries:** Numpy, OpenCV, Matplotlib, Scikit-learn, Tensorflow, Pytorch, Seaborn, React, Web3.js

**Tools/Technologies:** NLP, Linux, Git, Docker, Vagrant, Scripting, Jupyter Notebook, Google Collab

## WORK EXPERIENCE

**ML Intern, CodSoft**

**Sept 2023 - Dec 2023**

- Engaged in the development of an NLP-based survey system, enhancing data analysis capabilities for improved insights..
- Developed a Kaggle-like platform with real-life datasets for collaborative data projects.

**Data Science Intern, LGM**

**June 2023-Aug 2023**

- Contributed in developing a stock market tool, leveraging data analysis and machine learning to deliver insightful market information.
- Member of the ML engineering team, contributed in automating the deployment of machine learning models

**Junior Blockchain and Web Developer, Telusko**

**Nov 2022-June 2023**

- Contributed to two blockchain and ML projects: a decentralized quiz app revolutionizing trivia gaming with secure ether transactions and fair competition.
- Developed a custom etherscan clone for faster data retrieval from a Cassandra database, enhancing efficiency compared to traditional node-based approaches.

## PROJECTS

**CareConnect**

- CareConnect offers compassionate support by monitoring user activity for signs of emotional distress like depression or suicidal thoughts.
- The technology stack includes Reactjs, Flask api, Google dialog-flow and NLP.
- It employs a Neural Network model on a Flask API to detect signs of depression or suicidal thoughts in user input.
- The extension also includes a Chrome component to track keyboard input and provide a chatbot for emotional support.

**SecureProX**

- The extension provides real-time alerts about potential phishing or malware sites, empowering users to make safe browsing choices.
- It offers visibility into ad density on linked sites, helping users avoid overwhelming ad experiences.
- The technology stack includes Flask API, a Random Forest Classifier model, manifest JSON.

**BookWise**

- Created an NGO-oriented library system with personalized book recommendations using NextJS, Node.js, MongoDB and a ML recommendation system.
- Enhanced user experience through efficient cataloging and user management with Material UI.

## Academic and Extracurricular Achievements

- Winner for the project "Trash2Treasure" at Mega Hackathon organized by Big Foundation.
- Winner of TECHNOGENESIS Ideathon organized by GDSC x The Melton Foundation.
- Published research paper on 'Blockchain-Based Risk Management and Transparency in Loan Disbursements' in IEEE Xplore.