PRANSHU GUPTA

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EDUCATION

BMS College Of Engineering   **2021-2025**
B.tech in ECE, CGPA: 8.1/10   *Bangalore, India*

TECHNICAL SKILLS

Languages: C++, C,Python, JavaScript, Solidity
Frameworks:Django, Next, Flask , FastAPI, Tailwind
Database:PostgreSQL, MongoDB
Libraries: Numpy, Pandas, Matplotlib, OpenCV, TensorFlow, Scikit-learn, React
Tools/Technologies: Linux, Git, Jupyter Notebook, AWS, Google Colab

WORK EXPERIENCE

AI Intern, Code Clause   **Aug 2023 - Ongoing**
- Engaged in the development of an NLP-based survey system, enhancing data analysis capabilities for improved insights..
- Creating a platform similar to Kaggle, featuring real-life individual data sets, to foster collaborative data-driven projects.

ML Intern, *CodSoft*   **July 2023-Aug 2023**
- ML engineering team member specializing in automated model deployment.
- Proficient in deploying ML models on AWS SageMaker, implementing CI/CD with GitHub Actions, and conducting load tests for optimal performance.

Data Science Intern, *LGM*   **July 2023-Aug 2023**
- Achieved significant contributions in NLP-based handwriting detection and built a handwritten equation solver using CNN models.
- Contributed in developing a stock market tool, leveraging data analysis and machine learning to deliver insightful market information.

Junior Blockchain Developer, Telusko   **Nov 2022-June 2023**
- Contributed to two blockchain 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.
- 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
- NGO-focused library management system built with NextJS, Nodejs, and MongoDB.
- Utilizes machine learning for personalized book recommendations and features a dedicated notes section.
- Efficient cataloging and user management improve the experience for students and administrators, developed using Node.js, NextJS, MongoDB, Material UI, and a book recommender system.

Academic and Extracurricular Achievements

- Published a research paper in the blockchain and AI domain, featured on IEEE Xplore.