Jagteshwar Singh

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EDUCATION

Central University of Jammu   Sep 2023 – Present (3rd Year - Pursuing)
B.Tech - Computer Science and Engineering
CGPA: 7/10 (till 5th Sem)

Government Polytechnic Jammu   Nov 2020 – Aug 2023
3-Year Diploma in Computer Science and Engineering

R.M. Public School   Mar 2019 – Apr 2020
10th Standard

AREA OF INTEREST

Web Development   —   Full-Stack Development   —   AI Application Development

SKILLS

Programming:	Python, HTML, CSS, JavaScript
Other:	Power BI, Git(GitHub), Excel
Frameworks:	Flask, NumPy, Pandas, Matplotlib
Platforms:	VS Code, IntelliJ, PyCharm

PROJECTS

Dynamic Auction Platform using HTML, CSS, and JavaScript (Completed):
Implemented real-time bidding interface with countdown timer, interactive UI, and client-side validations. Focused on user-friendly design, responsive layout, and seamless bidding experience.

Email-Generator using Python and Streamlit (Completed):
Built a responsive email generation tool using Python and Streamlit.
Enabled users to input key details and dynamically generate well-structured emails for various use cases. Focused on clean UI/UX, real-time text rendering, and efficient form handling.

Plants/Fruits/Vegetables Disease Detection System (Completed):
Built an AI-based diagnostic tool for detecting diseases in fruits, vegetables, crops and plants using image uploads.
Utilized pre-trained models from OpenAI/Ollama to analyze user-submitted images and provide accurate disease identification. Designed for ease of use in agricultural settings with a focus on reliable detection and clean UI.

Fraud Detection in Crypto-Currencies (Ongoing):
Developing a system to detect fraudulent activity in crypto transactions using Graph Neural Networks (GNNs).
The project aims to leverage the structure of transaction graphs to identify suspicious behavior and anomalies. Focused on designing graph-based models that capture complex relationships between users and wallets for enhanced fraud detection accuracy.

INTERNSHIPS / EXPERIENCE

AI Intern – Central University of Jammu (CUJ)
Collaborated on AI projects, contributed to innovative solutions and personal skill development.
Built an AI-based diagnostic tool for detecting diseases in fruits, vegetables, crops and plants using image uploads.

OTHER ACTIVITIES

Member, Coding Club, CU Jammu   •   Member, Google Developer Club
Attended GDC Workshops   •   3rd Place – University E-sports Tournament