MOHIT SAINI

B.Tech CSE (Data Science Minor), Lovely Professional University

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OBJECTIVE

I am a motivated and detail-oriented 3rd-year B.Tech Computer Science Engineering student with a minor in Data Science, strong knowledge of Full Stack Development and AI/ML, and hands-on experience in building innovative technical projects. Eager to contribute skills and passion for technology to impactful internship and job opportunities.

EDUCATION

- **Lovely Professional University, Jalandhar, Punjab**

  B.Tech in Computer Science and Engineering (Minor: Data Science) | 2023 – 2027 | TGPA: 6.0/10

- **Cygnus High World School, Ambala**

  Class XII (PCM) | 2021 – 2022 | Percentage: 61%

TECHNICAL SKILLS

- Programming: Python (Advanced), Java, C++, JavaScript.

- Tools/Libraries: NumPy, Pandas, Matplotlib, Seaborn, scikit-learn, Plotly, MS Excel (Advanced), VS Code Areas: Full Stack Web Development, Data Science, Artificial Intelligence, Machine Learning.

- Other: Communication Skills, Team Leadership, Problem Solving.

CERTIFICATIONS & TRAININGS

- NPTEL (Govt. of India): Privacy and Security in Online Social Media — Topics: Privacy, Security, Ubuntu Basics

- IamNeo Collab: C, C++, Java, Data Structures & Algorithms

- CSE Pathshala: Summer Training – DSA with Advanced Python Programming

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PROJECTS

- **Real-time Voice & Text English Speaking Coach**

  Built an intelligent assistant that analyzes speech fluency and grammar for English learners. Provided immediate feedback via synthesized speech and text using Python NLP and TTS.

- **Dry Bean Classification Dashboard (Data Science x Agriculture)**

  Developed a 14-module Python dashboard using UCI Dry Bean Dataset. Included 4 slicers, 12 charts across 7 bean types. Tech: Python, Pandas, Matplotlib, Seaborn, Plotly. Future plans: ML integration, mobile/web deployment.

- **Cyber Crime Analysis Dashboard (Excel, 2019–2024)**

Created Excel dashboard using Indian cybercrime data (2019–2024). Used Pivot Tables, Slicers, and custom visualizations.

- **ML-Powered Virtual Mouse & Audio Controller**

Gesture- and audio-based virtual mouse using Python CV and ML. Managed secure environments with .env setup.

- **Glaucoma Detection Model using Vision Transformers**

Developed ML model for early glaucoma detection. Used vision transformer architecture for image-based medical diagnosis.

EXTRA-CURRICULARS

- Strong communication and presentation skills (class seminars, tech fests)

- Team leadership experience in group projects

- Active participant in university coding events and workshops

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LANGUAGES

English (Fluent), Hindi (Native)