

Sumanyu Singh

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SUMMARY

Detail-oriented **Computer Science Engineering student (CGPA 8.90)** with **strong foundations in software development, problem-solving, and cloud technologies**. Brings over a year of hands-on experience in **Python, ML pipelines, database handling, and automation**, including **designing a complete interview cheating-detection system using Computer Vision and NLP**. Proven ability to learn fast, adapt to new technologies, and deliver high-quality solutions—supported by **five patent filings**, competitive wins, and experience across AI, data processing, and application development. Seeking to contribute analytical, technical, and communication skills to real-world engineering projects at Accenture.

TECHNICAL SKILLS

- **Languages:** Python (intermediate), C++ (Intermediate), Java (Basic)
- **Data Science & ML:** Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, NLP (NLTK, SpaCy), AWS sagemaker , AWS cloud front
- **Databases:** MySQL, SQL
- **Deployment & Version Control:** Github ,AWS Services

CERTIFICATION AND ACHIEVEMENT

- Qualified for the **semi -final round of SIH 2025**.
- Won **ANVESH Research Summit** at Chandigarh university
- Won **university level Project Expo 2025**
- Done NPTEL **cloud computing** certification.
- Filed **Five patents**
- Done Certification in **AWS and cloud computing** by NIELIT
- Done Certification in **python developer** by NIELIT

AI/ML INTERN | [PRIMUS CREO](#) | REMOTE

Apr 2025–Sep 2025

- **Prepared, cleaned, and curated large datasets** for ML model development and evaluation.
- Developed and maintained **Python scripts for automation, preprocessing, and data transformation tasks**.
- **Assisted in training and testing machine learning models** for prediction, classification, and real-time analysis.
- Implemented feature engineering processes **to improve model accuracy and performance**.
- **Collaborated with the Technical team** to integrate models into internal tools and workflows.

AI INTERN | [HRFY.AI](#) | ONSITE(PUNJAB)

Sep 2025– Present

- Serving as a core team member responsible for building HRFY.ai's **end-to-end interview cheating-detection mechanism**.
- Designed **the entire cheating detection pipeline**, including computer vision, audio, and NLP-based analysis modules.
- Developed models to detect face **spoofing, multi-person presence, lip-sync mismatch, mobile usage, scripted answers, and AI-generated responses**.
- Engineered features using **YOLO, InsightFace, transformers, and custom Python pipelines** to ensure real-time monitoring and high detection accuracy.
- Created robust data preprocessing and validation workflows for video, audio, and text-based interview data.

SENTIMENT ANALYSIS ON RESTAURANT REVIEWS PROJECT

Nov 2024–Dec 2024

- **Developed a Sentiment Analysis model** to classify restaurant reviews as **positive or negative**, improving decision-making for restaurant owners.
- **Implemented text preprocessing techniques** including **tokenization, lemmatization, and TF-IDF vectorization**, enhancing model accuracy.

- **Trained an SVM classifier** on processed data, achieving an **84% accuracy score**, demonstrating effective sentiment classification.
- **Key Technologies Used:** Python, Jupyter Notebook, NLTK, Scikit-learn (SVM, TF-IDF), Pandas.
- **GITHUB LINK:** <https://github.com/123sumanyu/sentiment-analysics->

INTERPERSONAL SKILLS

- **Team Leadership:** Served as class representative, guiding peers and facilitating effective communication.
- **Management & Coordination:** Collaborated with teams in internships and hackathons, ensuring smooth execution of projects.
- **Decision Making:** Applied strategic thinking in competitions, contributing to finalist positions in Zinnovatio 2.0 and Code Fusion 2.0, as well as patent filings.

EDUCATION

Chandigarh University, Chandigarh	2023-Present
<i>Bachelor of Engineering in CSE</i>	<i>CGPA: 8.90</i>
Air force school ,Uttar Pradesh	2021-2022
<i>12th</i>	<i>Marks: 94.8%</i>
Air force school ,Uttar Pradesh	2019-2020
<i>10th</i>	<i>Marks: 82.66%</i>

INTEREST

Watching movies

Cooking

Gardening