KHUSHI GUPTA

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SUMMARY

Ambitious tech enthusiast with a passion for AI, ML, and NLP to drive growth. With a strong Computer Science & Engineering foundation, I leverage programming, data analysis, and problem-solving skills to deliver impactful solutions. As a final-year student at Amity University, I'm involved in placement drives, volunteering, and hackathons, showcasing my expertise. I'm poised to make a meaningful impact in the tech industry, driven by my enthusiasm for positive change.

EDUCATION

Amity University, Noida (GPA- 8.15/10)   **2021 - Present**
B.Tech Computer Science & Engineering
National Victor Public School (Percentage- 67.2%)   **2018 - 2020**
PCM with Computer Science (CBSE)

SKILLS

Programming Languages:- C,C++, Python, SAP ABAP
Other Tools and Skills:- AI, ML, NLP, OOPs, Canva, Jupyter Notebook, Numpy, Panda, Beautifulsoup, Matplotlib, Spacy, Scikit-learn, cv2, Mediapipe
Soft Skills:- Leadership, Team work, Interpersonal Communication, Active listening, Adaptability, Fast Learner, Problem Solving
Languages – Hindi (Native), English (Fluent), German (Basic)

EXPERIENCE

1. **OHSL (Open Health and System Laboratory) – Summer Intern**   **May 2024 – Present**
   Collaborating on a project to identify and predict business continuity risk using AI/ML/DL techniques, employing technologies such as NLP & Falcon on various data sets.
2. **ONGC (Oil and Natural Gas Corporation) - Student Trainee**   **May 2024 – June 2024**
   Collaborated in a tax calculation and revenue calculation project using SAP ABAP.
3. **Unsaid Talks - Interviewer**   **Nov 2022 – Jan 2023**
   Conducted and published an in-depth interview with a senior placed at Amazon on the official site of Unsaid Talks.

PROJECTS

1. **Wikipedia Page Web Scrapper**   **June 2023**
   Developed a web scraping tool using natural language processing techniques to extract and organize detailed information on 17th Lok Sabha members from Wikipedia, storing the data in a structured CSV file.
2. **PubMed Central Data Scraper**   **May 2024**
   Created a tool using web scraping and XML parsing to fetch and organize PubMed Central data, extracting article details and supplementary datasets into CSV format.
3. **AI-Powered Contextual QA System with RAG**   **June 2024**
   Developed two AI-driven contextual QA systems: one integrating DPR and BART for precise answers, and another leveraging Llama3 and Hugging Face for enhanced retrieval and generation capabilities.
4. **Gesture-to-Animation Integration**   **June 2024 - Present**
   Integrating OpenCV projects—Cartoonifying Images and Air Canvas—to recognize & process hand gestures. Developing a website with Air Canvas, Cartoonifying, and OpenAI for generating customized animated videos and advanced editing features.

RESEARCH PAPER

Study on the use of OpenCV & GAN based Framework for Hand Gesture-Based Cartoonification   **Jun 2024 – Present**
We demonstrated a dynamic creative platform that integrates OpenCV with GANs for real-time hand gesture recognition, image retrieval, and cartoonification, offering flexible applications in education, recreation, and artistic innovation.

CERTIFICATIONS

1. **NPTEL Python for Data Science:** Got a certificate of Elite by NPTEL in collaboration with IIT Madras with a score of 69%
2. **Career Essentials in Generative AI:** Got a certificate by Microsoft and LinkedIn with a score of 92%
3. **NPTEL Sociology of Science:** Got a certificate of Elite by NPTEL in collaboration with IIT Roorkee.

AWARDS, ACCOMPLISHMENTS & HONORS

1. C++ by Hackerrank – 5 Star
2. Python by Hackerrank – 4 Star
3. Introduction to Gen AI by Google Cloud, Badge
4. Data, ML, and AI in Google Cloud by Google Cloud Computing Foundations, Badge
5. I have completed my degree in Kathak dance form.

VOLUNTERRING WORK & PARTICIPATION

1. Student Coordinator at Amity Technical Placement Centre (ATPC)
2. President – Ek Bharat Shresth Bharat Club at Amity University, Noida
3. NGO Volunteer at Apnelog NGO
4. Actively participated in Hackathons like SIH, SUSTAIN-A-THON, Amazon Ml Summer School, Flipkart GRiD 6.0 etc.