

# Khushi Bansal

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📁 github.com/khushi-98

## PROFILE

Dedicated Computer Science student with a strong foundation in Python development, machine learning, and web automation. Skilled in developing AI-driven applications and implementing deep learning techniques. Seeking opportunities to apply and expand my technical skills in a challenging internship or entry-level position.

## EDUCATION

**Bachelor of Technology in Computer Science, Thapar University** Sep 2022 – 2026  
CGPA: 8.32/10 Patiala

**Secondary School, Himland Public School** 2020 – 2022  
Aggregate: 80% Dirba

## INTERSHIPS

**Python Developer Intern, InternIQ** Feb 2024 – Mar 2024

- Developed a real-time weather forecasting GUI, improving user interaction with weather data by 30%.
- Created a Random Password Generator GUI, enhancing security measures for 100+ users.
- Built a user-friendly ATM simulator GUI, reducing transaction time by 25% in testing scenarios.
- Tech Stack: Python, Tkinter, API integration, SQLite

## PROJECTS

### Voice Assistant: An Interactive AI 🔗

- Developed a Python-based voice assistant capable of handling 6+ daily tasks, increasing user productivity by 20%.
- Implemented web automation for online content interaction, reducing manual navigation time by 40%.
- Enhanced user experience with real-time text-to-speech synthesis, achieving a 95% accuracy rate in voice recognition.
- Technologies used: Python, speech\_recognition, pyttsx3, selenium

### Toxic Comment Detection using Deep Learning 🔗

- Developed and trained a neural network model achieving 85% accuracy in toxic comment detection using LSTM/GRU layers.
- Implemented a Gradio interface for real-time toxicity score predictions, processing 100+ comments per minute.
- Technologies used: Python, TensorFlow, Gradio

### Django-Based To-Do List Application 🔗

- Developed a Django-based to-do list application, increasing task management efficiency for 50+ users.
- Implemented a user-friendly interface resulting in a 30% increase in daily active users.
- Technologies used: Django, Python, HTML, CSS

## SKILLS

### Programming Languages

Languages: Python, C/C++, R, SQL • Deployment: Heroku

### Frameworks & Libraries

• Web: Django, Flask, Streamlit • Data Processing: Pandas, NumPy • Visualization: Matplotlib, Seaborn • Machine Learning: TensorFlow, OpenCV • GUI: Tkinter • Web Scraping: BeautifulSoup • Serialization: Pickle

### Tools & Technologies

• Machine Learning, Deep Learning, Natural Language Processing (NLP) • Data Structures and Algorithms • Artificial Intelligence • Web Automation • Data Analysis and Data Visualization

### Soft Skills

• Strong analytical and problem-solving skills • Teamwork • Adaptability • Creative thinking • Communication

## CERTIFICATES

Mastering C and C++ for Career Placement Success, Internshala Trainings

Training program in Artificial Intelligence, Bolt IoT

## INTERESTS

- Reading books on technology, finance-focused fiction, and life lessons
- Passionate about bringing real-life projects to fruition