Krishna Awasthi +91-8470950837

2301641550070 kawasthi917@gmail.com

B. Tech [Portfolio](https://krishna-awasthi-portfolio.netlify.app/)

Computer Science and Engineering [GitHub](https://github.com/krishnaa-awasthi)

Pranveer Singh Institute of Technology, Kanpur [LinkedIn](http://www.linkedin.com/in/krishna-awasthi-1082122a1)

# Professional summary

# Ambitious 2nd-year B. Tech student specializing in Computer Science, with a strong foundation in programming (Python, C++, SQL) and data analysis. Experienced in developing assistive IoT solutions and data visualizations. Seeking an internship role to apply problem-solving and technical skills in real-world software engineering or data analysis environments.

# Education

* Pranveer Singh Institute of Technology, Kanpur *2nd year B. Tech, Computer Science and Engineering [2027]* 8.05 SGPA (1st semester)
* Gardenia Public School, Kanpur *2023*

*CBSE Board* Percentage: 77%

# Work Experience

**Accenture North America Data Analytics and Visualization Job Simulation on Forage - October 2024**

* Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
* Cleaned, modelled and analysed 7 datasets to uncover insights into content trends to inform strategic decisions
* Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

**Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage - October 2024**

* Completed a simulation involving creating data visualizations for Tata Consultancy Services
* Prepared questions for a meeting with client senior leadership
* Created visuals for data analysis to help executives with effective decision making

# Projects

# **IoT-Based Assistive Device for Differently-Abled Individuals**

# **Objective:** Developed a device that incorporates text-to-speech, image-to-text, and speech-to-text functionalities, empowering visually, audibly, and vocally challenged users.

# **Technologies Used:** IoT, Python, Open CV, Speech Recognition, Image Processing Libraries

# **Impact:** Enabled users to gain independence in communication and navigation, focusing on a user-centred design approach.

# Technical Skills

# Programming Languages: Python, C, C++, SQL, HTML

# Data Analysis Tools: Excel, Pandas, NumPy, Scikit-Learn, Power BI

# Software Engineering Tools: Git, APIs, VS Code

# Libraries/Frameworks: Speech recognition libraries, IoT-related libraries

# Certifications

# Programming Fundamentals using Python – Infosys Springboard

# Python Basics – HackerRank

# Problem Solving (Intermediate) – HackerRank

Software Engineer Intern Certification – HackerRank

# Achievements

* *Successfully earned and shared two technical certifications on LinkedIn, enhancing my professional profile.*
* *Actively engaged in academic projects that emphasize innovation and accessibility in technology.*

Extracurricular Activities

**Public Speaking & Leadership:** Actively participated in seminars, demonstrating strong presentation and communication skills, and leading discussions on tech for social good.