



Krishna Awasthi

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B. Tech

Computer Science and Engineering

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[Portfolio](#)

[GitHub](#)

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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

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|--|--------------------------------------|
| • Pranveer Singh Institute of Technology, Kanpur | 2 nd year |
| B. Tech, Computer Science and Engineering [2027] | 8.05 SGPA (1 st 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
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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.