Krishna Awasthi

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B. Tech
Computer Science and Engineering
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Portfolio
GitHub
LinkedIn

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
  B. Tech, Computer Science and Engineering [2027]

  2nd year
  8.05 SGPA (1st semester)

- Gardenia Public School, Kanpur
  CBSE Board

  2023
  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.

Portfolio Website
- Designed and developed a personal portfolio website showcasing my skills, certifications, and projects.
- Features an interactive and user-friendly interface with a dynamic backend to handle user submissions.
- Implemented a submission form allowing users to share their details and messages, stored in a connected database.

- Technologies Used: HTML, CSS, JavaScript, Python (Flask/Django for backend), MySQL/MongoDB.
- Website Link: **Portfolio website link**

Technical Skills

- Programming Languages: Python, C, C++, SQL, HTML, CSS, JS
- Data Analysis Tools: Excel, Pandas, NumPy, Scikit-Learn, Tableau
- 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.