

Avinash Krishna

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EDUCATION

- **Indian Institute of Information Technology Lucknow** Lucknow, India
Bachelor of Technology - Information Technology; **CGPA: 7.7**; SGPI: 8.55 Dec 2021 - June 2025

PROJECTS

- **Dataflow Automation** [↗](#) June 2024
 - Developed a command-line tool to automate repetitive web tasks, such as bulk Gmail and Discord operations, advanced data filtering, and data scraping.
 - Integrated caching techniques, reducing bandwidth usage and latency by approximately 20%.
 - Enhanced efficiency in managing large volumes of historical data, presented in sorted and tabulated formats.
 - Tech Used: Python, Selenium, sys Module, os Module, Pickle, nu Shell.**
- **Plant Disease Predictor** [↗](#) May 2024
 - Developed a web application leveraging Convolutional Neural Networks (CNN) for precise plant disease identification using the PlantVillage dataset.
 - Conducted extensive data preprocessing and augmentation, increasing model accuracy through iterative hyperparameter tuning.
 - Improved early disease detection capabilities for reduction in crop disease-related losses.
 - Tech Used: Python, TensorFlow, Keras, Streamlit, Docker, Matplotlib, Numpy.**
- **Spice Caves** [↗](#) Dec 2022
 - Contributed to the backend and API development of a team project website for hotel and banquet services, with an added recipe recommendation feature.
 - Tech Used: HTML, CSS, JavaScript, NodeJS, API, MongoDB.**

ACHIEVEMENTS

- Qualified for the **Final Interview Round**, ranking in the top **837** candidates out of **227,622** registrants in the **Juspay Hiring Challenge 2024** hosted on the Unstop platform.
- **Play With Linux:** Created a comprehensive repository with setup scripts, configuration files, Linux installation steps, and helpful guides for Linux users. [Link ↗](#)
- Solved **600+ problems** on various coding platforms including Leetcode, GeeksForGeeks, and Codeforces.
- Unlocked Gold level during the **Go for Gold Contest in iAspire** organized by Accenture: Certificate [↗](#)
- Successfully completed all the labs during **Google Cloud Skills Boost Program 2023** : Badges [↗](#).
- Contributed to open-source projects and optimized repository functionality in **Hactoberfest 2023** : Badges [↗](#)

SKILLS SUMMARY

- **Languages:** C++(Good), C(Good), Python(Good), Java(Good), Shell Scripting, JavaScript, SQL.
- **Developer Tools:** Git, Github, Linux, MySQL, MongoDB, VS Code, NeoVim, Kitty, nuShell, Raspberry.
- **Soft Skills:** Leadership, Event Management, Content Writing, Team Work, Time Management.
- **Interests:** Web Development, Machine Learning, Competitive Programming, Linux.
- **Academic Coursework:** Data Structure and Algorithms, OOPs, OS, DBMS, and Computer Networks.

POSITIONS OF RESPONSIBILITY AND VOLUNTEERING

- **Class Representative of Information Technology** batch, strengthened interactions between students and faculty : Aug, 2022 - Present
- **Volunteer of Crotonia, The Literary Society** of IIIT Lucknow. Composed numerous poetry, songs, and shayaris : Jan, 2022 - Oct, 2022