Tripti Jha

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LinkedIn — GitHub

Professional Summary

Final-year B.Sc. Computer Science student with experience in Python, PHP, and SQL for backend systems. Skilled in building web applications using Flask and MySQL, debugging deployed systems, and maintaining software. Strong problem-solving ability with a collaborative, learning-focused mindset.

Technical Skills

– **Languages:** Python, SQL, Core Java, PHP, HTML, CSS, JS
– **Backend & DB:** Flask, REST APIs, MySQL
– **Tools:** Pandas, NumPy, Linux, AWS EC2, Git, Jupyter
– **Core CS:** OOP, Data Structures, Problem Solving
– **Other:** Tech Support, System Maintenance, Debugging
– **Soft Skills:** Communication, Teamwork, Time Management

Education

B.Sc. Computer Science (Final Year)
Karnataka University, Dharwad   Jul 2026 (Expected)
CGPA: 8.62

Projects

MuftWater – Community Water Platform
item Built PHP–MySQL system to manage free water container locations and advertisement data.Implemented form handling, database integration, and UI improvements. Maintained codebase using Git with regular fixes and updates. Assisted in maintaining and updating application features based on user requirements.

Flask Portfolio – Backend Web Platform   GitHub
beginitemizeDeveloped REST APIs using Python and Flask and deployed on AWS EC2 (Linux). Implemented error handling and debugging for system stability. Supported system stability by troubleshooting issues and implementing fixes under deadlines.

Weather Predictor – Data Analytics App   GitHub
beginitemize
– Developed a web page using HTML and Python where users can enter a city, fetch data from the OpenWeather API, and display current temperature, wind speed, humidity, and other weather details.

Certifications

– Accenture Forage – Data Analytics & Visualization

– IBM SkillsBuild – Data Science Tools

– Infosys Springboard – Data Science Foundations

Achievements & Leadership

– Top 3 in Computer Science B.Sc.

– Active open-source contributor on GitHub

– Led 10-member team for a departmental event with 300+ participants