

Lakshika Chaudhary

phogatlakshika18@gmail.com | 9917170783 | Rudrapur, Uttarakhand
linkedin.com/in/lakshika-chaudhary

PROFILE

A well-organized, conscientious and introspective Computer Science Engineering student with a passion for continuous learning and self- improvement having good knowledge in Java, Python and Front-End Development. Adept at quickly acquiring new skills and knowledge to adapt to dynamic environments. Seeking an opportunity in IT Industry to leverage my strong Analytical thinking abilities and innovative mindset in a challenging entry-level role where I can utilize my scientific, persistent and observant skills.

EDUCATION

Bachelors of Technology
Teerthanker Mahaveer University
2020 – 2024 | Moradabad, Uttar Pradesh
CSE specialization in Cloud Computing and Analytics
Platform collaboration with IBM with 83%

12th
R.A.N PUB SCH
2019 – 2020 | Bilaspur, Uttar Pradesh
CBSE board with 81.8%

10th
R.A.N PUB SCH
2017 – 2018 | Bilaspur, Uttar Pradesh
CBSE Board with 85%

CERTIFICATES

Database Management System Nptel Certification

Certificate for the Completion of Git Training
(Spoken Tutorial Project, IIT Bombay)

IBMCE Certification

- Big Data Engineer CEBDEN1IN
- Artificial Intelligence Analyst CEAI1IN
- Cloud Application Developer CECAD1IN
- RDBMS CEDBMSQ1IN

NVIDIA Deep Learning Institute Certificate of Competency

LinuxFoundationX LFS101x Certificate edX

PROJECTS

Remote Code Execution Engine (Final Year Project)

Virtual coding environment for users to execute and test their code remotely enabling secure and efficient remote code execution with support for multiple languages

- Designed and implemented RESTful APIs in Node.js for seamless data exchange between frontend and backend, and enhanced user experience with real-time code execution feedback.
- Engineered the PostgreSQL database schema for optimized performance in high-concurrency environments and adapted solutions to meet evolving security standards and user requirements.

Portfolio

Developed a website that serves as a personal showcase for our skills, projects, and professional achievements. It typically includes sections like Home, About Me, Projects, Resume, and Contact Info.

- Utilized modern web technologies (HTML/CSS/JavaScript) to create an interactive frontend, demonstrating problem-solving skills and a focus on user experience and accessibility.
- Features: Responsive design, animations, social media integration, and contact forms.
- Skills: Web development, UI/UX design, and SEO.

Pacman Game

Created using IntelliJ platform and helps develop programming skills, focusing on object-oriented design, GUI, and concurrency.

- Technologies: Java, JavaFX/Swing for GUI, threading for concurrency, and OOP principles for game structure.
- Skills: Game development, problem-solving, OOP principles.

HARD SKILLS

Java	● ● ● ● ●
Python	● ● ● ● ●
Front-End Development	● ● ● ● ●
DBMS	● ● ● ● ●

SOFT SKILLS

Attention to Detail
Creative Thinking
Quick Learner
Versatile



INTERNSHIPS

Data Science & Analytics | May-June 2024

Vital Skills Summer Internship program 2024 in association with Techkriti IIT Kanpur

Spaceship-Titanic Project

- Developed a large-scale, autonomous space exploration vessel aimed at advancing cosmic travel capabilities.
- Designed and implemented the propulsion system, integrating AI and machine learning for improved navigation and life support.

Machine Learning | June-July 2023

BHEL-CFP, Rudrapur

Strategic Energy Insights: Precision price prediction with machine learning

- Developed and fine-tuned a machine learning model to accurately predict energy prices, significantly aiding strategic decision-making in energy trading.
- Conducted in-depth analysis of historical data to identify key predictors, optimizing performance metrics for enhanced accuracy.



ACHIEVEMENTS

- Secure 1st position in blog writing (General)
- Poetry published in Jigyasa (CTLD Bi-Annual College Magazine)
- Winner in badminton Inter-college match
- Received Ms. Eve Award in College farewell Feista
- Appointed as the School Parliament member (Sports captain)



INTERESTS

- Learning New Things
- Sports
- Writing



ACTIVITIES

- Anchoring in College GFG seminar
- Sports meet (Clg tournament)
- Brain Manthan Clg event (intense enhancement of mental exploration and thinking)



PIPELINE

Research in healthcare sector

MedMod: A framework to monitor, analyze and predict abnormality in Real Time using Edge Computing based on Neural Network Model

- *Worked with team members as general communicator*
- *Analytical thinking, Collaborative research, Effective communication*