RANJANA CHOUDHARY

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PROFILE

I am an MCA student at Presidency University with a specialization in DevOps, Microservices, and Data Analysis & Visualization. I have a strong foundation in designing, building, and deploying innovative software solutions. Passionate about solving real-world problems through clean and efficient code, I thrive on collaborating with clients and teams to deliver high-quality applications that not only meet but exceed expectations. I'm driven by continuous learning and committed to contributing to impactful and scalable software projects.

EDUCATION

Masters in Computer Applications (MCA in Dev-Ops & Microservices and Data Analytics and Visualization)   **2023-2025**

- Presidency University- Presidency School of Information Science- Bengaluru

- **CGPA**: 8.78

Bachelors in Computer Applications   **2020-2023**

- Nagarjuna Degree College, Bengaluru, Karnataka, India

- **Aggregate CGPA:** 7.99

Pre-University Education (PCMB)   **2019-2020**

- Sheshadripuram PU College, Bengaluru, Karnataka

- **Percentage**: 64%

High school Education (ICSE Board)   **2017-2018**

- Divine English School, Bengaluru, Karnataka

- **Percentage**: 69%

UNIVERSITY PROJECTS

Lung Cancer Detection Using Machine Learning (AI/ML)   Jan 2025

Lung cancer detection using CT scans and machine learning leverages advanced algorithms to identify early signs of malignancy with high accuracy. By analyzing imaging patterns, machine learning models can assist in early diagnosis, improving treatment outcomes and reducing mortality rates.

Student-Result Management System / Project Head / (July 2023 – November 2023) /(CSS, JAVASCRIPT, PHP AND MYSQL)

This project is being developed as an applica on ,that stores the student detail and their results.it is a web based tool designed to automate the administra on of semester results by tracking students grade.

Online Catering Management System : (JAVA, CSS, PHP AND MYSQL) :

The online catering system is a real me system with Payment Gateway aimed to fully automate the process of catering services in an online se ng which will be used by catering business to promote their services.it helps the hotels maintain the accounts which includes bills,receipts,reports ,inventory and monthly sales.

Smart Gym Management System : (Reactjs , Nodejs, MongoDB):

Developed a full-stack Gym Management App using React.js and Node.js with features like user registration, session booking, and fitness tracking. Admins can manage members, schedules, and view analytics. Focused on a user-friendly UI, real-time updates, and secure authentication.

TECHNICAL SKILLS

- Java
- Python
- Artificial Intelligence
- Amazon Web Services (AWS)
- Advance Excel

- DevOps & Microservices
- ReactJS
- Expressjs
- Nodejs
- Machine Learning

- Full Stack Development
- Android Application Development
- C
- C++
- C#

CERTIFICATIONS AND EXTRA-CURRICULAR ACTIVITIES:

- **Tata Cybersecurity Security Analyst Job Simulation on Forage - January 2025** Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team. o Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.
Delivered comprehensive documentation and presentations, showcasing the ability to communicate complex technical concepts effectively.

- Certified in **Selenium, Full Stack Development, Android App Development.**

- Won several competitions such as coding and debugging and IT quizzes

- Knowledge of Ms-Excel, Ms-Word, Ms-Powerpoint.

PERSONAL VITAE

Date of Birth	**: 01-11-2001**
Gender	**: Female**
Present/Permanent Address	**: #32 , Sai Nagar,1st cross, Vidyaranypura post - Bengaluru-560097**
Languages known	**: English , Hindi ,Kannada**