RAMPAL LODHI

📞 +91 9754506577 | ✉ 0173cs221104@gmail.com | **GitHub:** https://github.com/Ramrampal

LeetCode: https://leetcode.com/u/Rampal_104 |

LinkedIn: https://www.linkedin.com/in/rampal-lodhi-83775130a

CAREER OBJECTIVE

Final-year B. Tech student with a passion for coding and innovation, looking for an entry-level Software Engineer position. I seek to be part of a collaborative development team where I can utilize my academic knowledge and project experience to build efficient, scalable software solutions while gaining practical exposure to the software development lifecycle. I aim to continuously upskill, adapt to emerging technologies, and contribute meaningfully to organizational goals through dedication and problem-solving abilities.

INTERNSHIPS

Data Science (Online)
Main Flow Technology | 12/2024 - 02/2025

- Worked on data analysis projects using Python. Gained hands-on experience with data cleaning, visualization, and using libraries like Pandas and NumPy.
- Contributed to real-world projects and learned how to solve business problems with data.
- Built and interpreted dashboards and visual reports to communicate findings effectively to both technical and non-technical stakeholders.

Front-End-Development (Online)
Vital Skill (IIT Kanpur) | 05/2024 - 06/2024

- Developed a fully functional Quiz Web Application with an interactive user interface and dynamic question flow
- Implemented features like timer, score tracking, and question shuffling to enhance user engagement
- Ensured cross-browser compatibility and optimized performance for smooth user experience across devices

EDUCATION

- **B. Tech in Computer Science Engineering**
  Bansal Institute of Research & Technology, Bhopal, Madhya Pradesh. (2022 – 2026) | CGPA: 7.90
- **Class XII in Science**
  Pandit Shiv Govind Garg H. S. School Saleha, Panna M.P. (2021 – 2022) | Percentage: 81.20%
- **Class X**
  Pandit Shiv Govind Garg H. S. School Saleha, Panna M.P. (2019– 2020) | Percentage: 83.25%

ACHIEVEMENTS

- Participated in Smart India Hackathon 2024.
- Secured 1st Rank in 5th Semester.

PROJECTS

Strong Password Generator.
(Self) (Ongoing).
Role: complete development
Tech Stack: HTML, CSS, JavaScript.

- Built a web-based random password generator that creates secure and customizable passwords based on user-selected criteria.
- Incorporated features such as character length selector,symbols/numbers toggles, and clipboard copy functionality.

Real-Time House Price Prediction Website.
(Team)
Role: Manage Database
Tech Stack: Python, ML, HTML, JS, Django.

- Developed backend using Python and Django to integrate machine learning models for real-time house price prediction based on user input.
- Enabled seamless buyer-seller interaction through a responsive web platform, enhancing user experience and local property visibility.

TECHNICAL SKILLS

- **Programming Languages:** C/C++, J2SE, Python
- **Database:** SQL, MySQL, RDBMS.
- **CS Fundamentals:** OOPS, DBMS, Data Structure and Algorithm, Operating System.
- **Frontend Technology:** JavaScript, HTML, CSS.
- **Tools:** Git, VS Code.

INTERESTS

- Object Oriented Programming.
- DBMS/RDBMS.
- SQL.

CERTIFICATIONS

- Aws for Administrators (06/2025)
- Programming in Java (06/2025)
- Database Management System (04/2025)
- SQL (10/2024)
- Programming in Python (09/2024)
- Encoder- Decoder Architecture (03/2024)

SOFT SKILLS

- Leadership
- Adaptability
- Collaboration
- Time-Management