

Rakshita Bhat

(+91) 9141170965 | rakshitabhat02@gmail.com | LinkedIn | GitHub

SUMMARY

Disciplined and solution-driven Information Science student with a strong passion for building impactful software solutions.

EDUCATION

Dr. Ambedkar Institute of Technology

Bangalore, Karnataka, India

B.E. in Information Science, CGPA: 8.55/10.0

Dec 2022 – Aug 2026

- **Relevant Coursework:** Data Structures in C/C++, Object-Oriented Programming in C++, Computer Networks, Operating Systems, RDBMS

YTSS PU College

Yellapura, Karnataka, India

Pre-University Degree (PCMC), Percentage: 97%

2020 – 2022

SKILLS

- **Programming Languages:** Python, C, C++, JavaScript, Java (familiar)
- **Frontend:** HTML, CSS, Bootstrap
- **Backend & Databases:** MySQL, SQL Server Management
- **Core CS Concepts:** Data Structures & Algorithms, OOPS, Operating Systems, Networking, SDLC
- **Tools & Platforms:** Git, GitHub, VS Code

PROJECTS

Personal Voice-Based Assistant

Technologies: HTML, CSS, Bootstrap, JavaScript, Python, Eel Framework

- Improved command-response latency to less than 1 second by engineering a Python-based voice assistant with **95% recognition accuracy**.
- Enhanced functionality by integrating **6+ libraries** (PyAudio, PyAutoGUI, PyWhatKit, PvPorcupine, Hugchat, SQLite) to support multi-feature automation.
- Delivered a full-stack solution by designing the frontend UI and implementing end-to-end backend logic and database management.

Retail Shop Management System

Technologies: SQL Server Management

- Increased query performance by **30% on 1000+ records** by optimizing stored procedures and indexing.
- Achieved scalable data handling by designing a relational database with **6+ interconnected tables** covering customers, products, and orders.
- Ensured reliability by conducting systematic testing and implementing backend best practices.

Stray Savers

Technologies: ReactJS, HTML, CSS, Node.js

- Advanced to **top 50 teams in the Google Solution Challenge India Regional Bootcamp 2024** by developing a platform that connects **20+ NGOs** and educates users on **10+ animal diseases**.
- Boosted user engagement by creating **6+ responsive web pages** and structuring disease-related content for accessibility.
- Improved collaboration by coordinating frontend design and content research across a 4-member team.

ACHIEVEMENTS

- Selected as **top 50 team in Google Solution Challenge India Regional Bootcamp 2024** by delivering an innovative NGO-animal connection platform.
- Solved **150+ coding challenges** on LeetCode and Code360, demonstrating proficiency in data structures and algorithms and improving coding efficiency.