

PARTH GANDHI

parthgandhi2k5@gmail.com | 9930247845 | 102A, Patel Palace, Koldongri, Andheri East, Mumbai - 400069, Maharashtra, India.

PROFESSIONAL SUMMARY

As a second-year BTech Computer Technology student, I am passionate about software development and problem-solving. With a strong foundation in Java, C++, and Python, I have worked on real-world projects involving data structures, algorithms, and machine learning. My experience includes developing efficient software solutions and participating in hackathons and coding competitions. I am eager to apply my technical skills and problem-solving abilities to contribute to impactful technology-driven advancements.

EDUCATION

Bachelor of Technology (Computer Engineering)	2023 - 2027
Sardar Patel Institute of Technology	CGPA 8.48/10

CORE SUBJECTS: Data Structures & Algorithms, Database Management Systems, Computer Architecture And Organization, Python for Data Science, Computer Communication and Networks, Operating systems

WORK EXPERIENCE

Community Engagement / Volunteering Experience

Career Guidance Initiative for 10th Grade Students

Second Semester Community Project

Role: Team Member | **Duration:** [15/06/2024 to 15/08/2024]

Description:

Worked as part of a team to conduct a **career guidance session** for 10th grade students of a local school. Helped students understand various career paths, explained future academic streams, and encouraged interaction through Q&A. Developed presentation materials, managed student engagement, and communicated effectively with school authorities and peers.

PROJECTS

1. Weather Forecast Web App with QR Code Generation

Description: Developed a Weather Forecasting Web App that provides real-time weather data for any city using the OpenWeatherMap API. The app displays essential weather information, such as temperature, humidity, wind

speed, and weather conditions. Additionally, a QR Code generation feature was implemented, allowing users to generate a QR code of the weather details for easy sharing.

Technologies Used: HTML, CSS, JavaScript, Flask, OpenWeatherMap API, QR Code Generation

2. Tic Tac Toe Game (Web-Based)

Description: Created a web-based Tic Tac Toe game for two players, featuring real-time gameplay, win/tie checks, and a restart option. The game is designed with an intuitive user interface and clean layout, providing a seamless and interactive experience.

Technologies Used: HTML, CSS, JavaScript, DOM Manipulation

3. Rock Paper Scissors Game (Web-Based)

Description: Built a Rock Paper Scissors game where users play against the computer. The app randomly generates computer choices and tracks the score. The outcome (win/loss/tie) is displayed with visual feedback, enhancing the user experience with smooth transitions and animations.

Technologies Used: HTML, CSS, JavaScript, Event Handling

SKILLS

- **Programming Languages:** Java, C++, Python, HTML, CSS, JS
- **Machine Learning:** Scikit-Learn, TensorFlow
- **Software Development:** Data Structures & Algorithms, Object-Oriented Programming (OOP)
- **Databases:** MySQL
- **Version Control:** Git, GitHub

EXTRA-CURRICULAR ACTIVITIES & ACHIEVEMENTS

- Actively participated in various hackathons and competitive programming events, solving real-world problems under time constraints.
- Developed innovative solutions in teams, improving my collaboration and critical thinking skills.
- Volunteered in digital literacy initiatives to empower underprivileged students with coding skills.

I am eager to leverage my skills and passion for software development to contribute to innovative projects and solutions. Looking forward to opportunities to grow and make an impact in the tech industry.