

Parth Tolani

9313261184 | parthtolani23@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

DA-IICT

Bachelor of Technology in Information and Communication Technology

Gandhinagar, Gujarat

Oct. 2022 – Present

The New Tulip International School

Higher Secondary - 90.8%

Ahmedabad, Gujarat

Apr. 2021 – May 2022

Delhi Public School

Secondary - 94.2%

Gandhidham, Gujarat

Apr. 2019 – March 2020

PROJECTS

CommonWealth Games DataBase | *PostgreSQL*

Jan 2024 – Apr 2024

- Designed and implemented a relational database to store and manage athlete records, event schedules, and medal tally using SQL and normalization techniques for optimized performance.
- Developed an efficient querying system to retrieve real-time data on participants, countries, and results using complex SQL queries, indexing, and stored procedures.
- Ensured database scalability and security by implementing data encryption, access control policies, and backup strategies, handling large volumes of multi-national event data.

AlgrowBiz | *HTML, CSS, JavaScript, React, Python*

July 2024 – Dec 2024

- Developed a Sales Forecasting Model using Simple Linear Regression in Python, analyzing historical sales data to predict future trends with improved accuracy.
- Built and deployed an interactive web application on Vercel using React.js, enabling users to input sales data and visualize predictions dynamically.
- Created comprehensive project documentation including model explanation, API endpoints, deployment steps, and user guide, ensuring clarity for future development and usage.

The Hangman Game | *HTML, CSS, JavaScript, Git*

Feb 2025 – March 2025

- Developed an interactive Hangman Game enhancing my front-end skills.
- Utilized DOM manipulation and event listeners to create a responsive and intuitive gameplay interface
- Implemented dynamic word selection, and real-time UI updates for an engaging user experience

TECHNICAL SKILLS

Languages: C/C++, Python, SQL (Postgres,MySQL), JavaScript, HTML/CSS

Frameworks: React, Node.js, Next.js

Developer Tools: Git, Visual Studio, PyCharm

Libraries: pandas, NumPy, Matplotlib

ACHIEVEMENTS

- JEE (All India Rank) - 4589
- Stage Play Winners at Waves'24, organised by BITS, Goa
- Special Mention at DPSMUN'21, DPS Gandhidham
- iFLO'2019 Rank-9 Holder, organised by SilverZone

INTERESTS

- Investing and Analysis of Stocks
- Passion for a foreign language, currently learning French
- Avid Reader of self-development and financial books