

PARTH BHANTI

Sikar, Rajasthan | Mob: +91 6375237016 | parthbhanti22@gmail.com | [LinkedIn](#) | [Github](#) | [Portfolio](#)

EDUCATION

VIT BHOPAL UNIVERSITY

Bachelor of Technology

Major in Computer Science

Cumulative GPA: 9.40

Bhopal, MP

Expected July, 2027

GOENKA PUBLIC SCHOOL

Intermediate (Class 12th): **93.6%**

High School (Class 10th): **96.4%**

Cadet at the National Cadet Corps (NCC) up till "A-certification"

Sikar, Rajasthan

Apr 2011 - June 2023

PROJECTS

Sept 2024 – March 2025

Concrete Compressive Strength Prediction Model:

- Designed and implemented a machine learning model to 82.9% accurately predict concrete compressive strength.

Household Energy Efficiency Prediction Model:

- Developed a machine learning model to forecast household energy efficiency, contributing to sustainable technology solutions with Mean Squared Error of 62.490.

Sorting Visualizer:

- Engineered an interactive sorting algorithm visualizer using Python's Pygame library, improving algorithm comprehension through dynamic visualization.

Celestia Dynamics: Physics Simulation Library:

- Building a centralized system as a website in order to compile most kinds of Physics simulations for school and bachelor's students. [Celestia Dynamics](#) is already live and functional.

Micro Small and Medium Enterprise Development

- Designed and built a full stack website and an android application using Flutter as a part of a 5-member team to empower the owners of Micro Small and Medium Enterprises for increased sales online.
- Built 4 Machine Learning Models Based on the topic and implemented all of them in both the application and the website using streamlit.

On Going: Multi Agent Rescue Simulation

- Full Stack Project to Aid Rescue and survival operations using Reinforcement Learning in a multiple agent system.

ROLES AND RESPONSIBILITIES

GOOGLE DEVELOPER GROUPS – ON CAMPUS

Bhopal, MP

Co-Lead for all the Non-Technical Domains

Sep 2024 – Present

- Managing 4 major domains of the GDG Community.
- Conducted several informative webinars for web and android development and organized a college fest event called [Google Olympics](#) on behalf of the [Google Developer Groups – On Campus](#) managing 35 teams, ie. 140 participants.

Team Member – Event Management and Outreach

Dec 2023 – May 2024

- Worked on event reports and collaborated with the team for several online events and webinar.
- Conducted the GDSC's HashTech Event for the techno-cultural fest.

TECHNICAL SKILLS

Programming: C/C++, JAVA, Python

Frontend: HTML5, CSS, JavaScript, Flutter (Dart)

Backend: MongoDB, RESTful APIs, Express.js, Node.js

Database: Firebase Storage, MySQL, NoSQL (MongoDB)

Libraries: Keras, TensorFlow, NumPy, Matplotlib, Scikit Learn, Pygame

Relevant Coursework: Data Structures, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence, Computer Architecture, Machine Learning, Android Development, DBMS

CERTIFICATIONS

Sept 2024 – March 2025

IBM Machine Learning with Python

IBM Deep Learning and Artificial Neural Networks Using Keras