

PARTH BHANTI

STUDENT

CONTACT

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Laxmangarh, Sikar, Rajasthan

SKILLS

Computational Physics
C/C++ Programming
Machine Learning
Leadership and event handling

EDUCATION

Bachelor's in Technology - 9.40

VIT Bhopal University

2023 - Present

Pursuing B.Tech in Computer Science and Engineering - Core

Intermediate - 93.6%

Goenka Public School

2011 - 2023

Completed my intermediate(12th Grade) in the field of science

LANGUAGES

English
Hindi

PROFILE

Aspiring Computational Physicist and second-year Computer Science Engineering student at VIT Bhopal University. Skilled in C, C++, Java, and Python with hands-on experience in Android development using Flutter. Actively working on projects in astrophysics and machine learning, utilizing libraries such as Keras, Matplotlib, and Scikit-learn. Contributed to a team project developing a shopping app integrated with AI for fraud detection and product recommendation. Passionate about combining computational techniques with innovative technologies to solve real-world problems.

WORK EXPERIENCE

Non-Technical Co-Lead

Google Developer Groups - On Campus September 2024-Present

- Managing 4 out of 9 domains, ensuring seamless collaboration and project execution across technical and non-technical teams.
- Successfully organized and conducted workshops on React and Flutter, integrating machine learning concepts for hands-on learning experiences.
- Led and facilitated team meetings, overseeing project progress and guiding teams toward achieving milestones.
- Spearheaded event planning and execution, increasing student engagement and participation in club activities.
- Coordinated with domain leads to streamline workflows and improve inter-domain communication.
- Designed and implemented strategic initiatives to boost community outreach and brand presence on campus.
- Mentored new club members, fostering leadership, teamwork, and technical skill development.
- Managed social media campaigns and promotional content to maximize event reach and visibility.
- Collaborated with external speakers and industry professionals to deliver impactful technical sessions.
- Played a key role in problem-solving and decision-making to drive successful project outcomes.

Projects and Achievements

Projects completed and Certifications 2023-2024

- MSME Empowerment Technology Project:** Led the development of a comprehensive technology solution for Micro, Small, and Medium Enterprises, featuring a website, mobile app, and four fully functional machine learning models. Successfully presented as a 4th-semester project exhibition with a team of five.
- Concrete Compressive Strength Prediction Model:** Designed and implemented a machine learning model to accurately predict concrete compressive strength, enhancing the personal project portfolio.
- Household Energy Efficiency Prediction Model:** Developed a machine learning model to forecast household energy efficiency, contributing to sustainable technology solutions.
- Python Sorting Visualizer:** Engineered an interactive sorting algorithm visualizer using Python's Pygame library, improving algorithm comprehension through dynamic visualization.
- Projectile Motion Simulator:** Created a physics-based projectile motion simulator in Python using Pygame and Matplotlib, integrating complex physics formulas for educational purposes.
- IBM Machine Learning Certification:** Achieved the "Machine Learning with Python" certification from IBM, demonstrating proficiency in core machine learning concepts.
- IBM Deep Learning Certification:** Completed the "Deep Learning and Artificial Neural Networks using Keras" certification from IBM, showcasing expertise in advanced neural network architectures.
- IBM AI Engineering Certification (In Progress):** Currently pursuing the comprehensive "IBM AI Engineering" certification package to deepen expertise in artificial intelligence and machine learning.