

Vaishali Garg

Alwar | Rajasthan

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[LinkedIn](#) [GitHub](#)

EDUCATION

Thapar Institute of Engineering and Technology, Patiala, Punjab

November 2022 – June 2026

Bachelor of Engineering in Electrical and Computers

Cumulative GPA: 7.87/10

Children Academy Sr.Sec.School,Alwar

April 2015 - March 2021

Class 12th- 95.2% (RBSE)

Class 10th- 86.8% (RBSE)

SKILLS

Skilled Programmer (C,C++)

- Knowledge of basic data structures, objected oriented programming principles as well as basic programming
- Participated in several coding contests and college hackathons

Machine Learning & Deep Learning

- Currently learning ML/DL fundamentals via online courses
- Worked on basic models using regression and classification techniques

Significant Experience with Web Technologies

- Frontend Web Development using HTML, CSS
- Made many applications clones using, Html, CSS

Additional Skills

- **SQL**: Proficient in SQL for database management.
- **MATLAB**: Experienced in using MATLAB for technical computing and simulations.
- **C#**: Familiar with C# programming language.

COURSEWORK

Data Structures, Operating Systems, Object Oriented Programming, Computer Programming, Cloud Computing , Computer Architecture and Organization, Computer Networks, Database Management System.

EXPERIENCE

NOTATMRP INNOVATION PRIVATE LIMITED - Patiala

June 2024- Present

Content Writer

- Created high-quality content for the company's official website and marketing brochures.
- Collaborated with the marketing team to develop engaging and informative content that aligns with the company.
- Edited and proofread content to maintain a high standard of quality.

PROJECTS

1. Load Frequency Controller using Modified Whale Optimization Algorithm

Role: Researcher

- Designed a controller for a two-area PV-thermal grid system using a modified Whale Optimization Algorithm
- Simulated and tested performance in MATLAB/Simulink

2. Automation of Remote-Controlled E-Vehicle

Role: Intern

- Automated an existing E-vehicle and developed a real-time monitoring dashboard
- Integrated sensors for basic autonomous navigation and obstacle detection

3. EfficientCare – COVID Base Management System

Tech Stack: HTML, CSS, JavaScript, PHP, MySQL, AJAX, Bootstrap

- Developed a real-time hospital bed management system for pandemic response
- Enabled healthcare professionals to efficiently monitor and allocate resources

CERTIFICATION

- Python 101 for Data Science – IBM SkillsBuild [Here](#)
- Data Analysis with Python – IBM SkillsBuild [Here](#)

INTERESTS AND HOBBIES

Astrology, Badminton, Content creation, Horror Stories, Reading Book, Entrepreneurship,