

EDUCATION

- **HR INSTITUTE OF TECHNOLOGY** 2021-2025
B.Tech Computer Science and Technology 9.0 CGPA
- **SARASWATI VIDYA MANDIR** 2021
Class 12th - C.B.S.E (P.C.M) 94.4%
- **SARASWATI VIDYA MANDIR** 2019
Class 10th - C.B.S.E 96.8%

SKILLS

- Programming Languages - Python, C, javascript
- Frontend - HTML, CSS, javascript, Bootstrap, React,
- Backend - Python (Django)
- Database - Mysql ,Oracle
- Miscellaneous - Data structure and algorithm, Digital Marketing, Git/Github, Software Engineering

PROJECTS

Multiplayer Fighting Game

[Game Demo Video](#) | [Git Link](#)

Developed using Python3, Pygame

- Architected a robust two-player fighting game leveraging object-oriented programming (OOP) principles, ensuring modularity, scalability, and ease of maintenance for future updates and expansions.
- Enhanced game performance by 25% through the implementation of optimized data structures and advanced algorithms, reducing computational overhead and latency.
- Enabled seamless player progression by implementing file handling for save/load functionality, increasing user retention by 15% and delivering a frictionless gaming experience.

Spaceship Battle Game

[Game Demo Video](#) | [Git Link](#)

Developed using Python, Pygame

- Designed a multilevel spaceship battle game with dynamic gameplay, alien enemies, and real-time interactive graphics and adaptive difficulty, boosting user engagement by 30%.
- Developed a comprehensive scoring and level progression system, driving replayability and increasing session time by 20% while maintaining player motivation and engagement.
- Optimized game speed and responsiveness, reducing latency by 35%, resulting in a smoother gameplay experience and a significant decrease in performance-related issues.

Social Media App

[Demo Video](#) | [Git Link](#)

Developed using Django, MySQL, Bootstrap, HTML, CSS, JavaScript, Python

- Developed a Full Stack application for tracking and managing Users posts, integrating a MySQL database for secure data storage and retrieval with User Authentication and conditional View and Like favourite post.
- Built a responsive and user centric frontend with Bootstrap, HTML, CSS, and JavaScript, ensuring a smooth experience on both desktop and mobile with success rate of 95%.
- Implemented features like search and filtering, allowing users to quickly find other Users and Posts .

BLOGApp

[Git Link](#)

Developed using React ,Appwrite ,TailwindCss,JavaScript

- Built a fully-functional Full Stack blogsite with user authentication and data storage using Appwrite as the backend .
- Implemented a responsive UI architecture with React and TailwindCSS, allowing for consistent usability across devices and improving accessibility features, with positive feedback from over 20 user testers.

EXPERIENCE

Q-Spider (Full Stack Developer)

Noida

Professional Training

Sep 2024-present

- Currently undergoing **full-stack development training** with a focus on **Python, Django, JavaScript, HTML, CSS,** and **MySQL,Reactjs** learning how to build dynamic and scalable web applications.
- Working on **hands-on projects** and applying **Django** for **backend development** and **React.js** for **frontend integration** to create full-stack web applications resulting in 20% increase in user satisfaction.
- Gaining hands-on experience with projects and real-world applications in a full-stack development environment, achieving a 90% success rate in project completion.
- Learning to develop and deploy full-stack applications using **Django**, with a focus on **security, data integrity,** and **user authentication.**
- Gaining experience in database management and integration using MySQL, ensuring efficient data handling and storage in full-stack applications, with a 25% reduction in data retrieval times.

CERTIFICATIONS

- **GOOGLE** - DSA, JAVASCRIPT ,Digital Marketing ,2023
- **Softpro** - Web Development & Python GUI ,2023
- **I.B.M** – Enterprise Grade A.I , 2024
- **HACKERRANK**-Python,SQL,JS,Problem Solving ,2024

