

# Pradeep Nagar

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## EDUCATION

### Jaipur Engineering College and Research Centre

Bachelor of Technology in Computer Science and Engineering

Jaipur, Rajasthan

Nov 2022 - May 2026

### Shemford Futuristic School

Senior Secondary

Baran, Rajasthan

Apr 2020 - Mar 2021

### D.A.V. Public School

Secondary

Kota, Rajasthan

Apr 2018 - Mar 2019

## TECHNICAL SKILLS

**Languages:** C, C++, Python, SQL, JavaScript, HTML/CSS.

**Frameworks & Libraries:** React.js, Node.js, Express.js, Next.js, Tailwind CSS.

**Developer Tools:** Git, GitHub, VS Code, Visual Studio.

**CourseWork:** Data Structures and Algorithms, Object Oriented Programming, Database Management System, Operating System, Computer Networks.

## EXPERIENCES/TRAININGS

### Full Stack Web Development Trainee

Upflairs Pvt Ltd

Jul 2024 - Aug 2024

Remote(based in Jaipur)

- Architected server-side logic with Node.js and responsive UIs using HTML, CSS, JavaScript, and Tailwind CSS.
- Managed MongoDB databases handling records and implemented version control with Git, enabling 100% rollback safety and improving team collaboration efficiency by 25%.

### Python Trainee

Upflairs Pvt Ltd

Aug 2023

Remote(based in Jaipur)

- Developed 20+ Python scripts for string manipulation and data analysis during a 4-week training program.
- Gained proficiency in Python, completing 20+ coding exercises and mini-projects, forming the basis for more advanced development in automation and analytics.

## PROJECTS

### HelpHub | Python, Pandas

- Built a database system that handled over 1,000 records for an NGOs, improving processing speed by 30%.
- Automated data import and validation processes, decreasing manual workload by 60% and reducing error rate.
- Refined query performance for seamless data retrieval and real-time reporting.

### Nexus Notes | ReactJS, NodeJS, ExpressJS, MongoDB

- Developed and launched a full-stack note-sharing platform used by users, implementing secure authentication and reducing invalid input errors by 70%.
- Configured **MongoDB** to handle real-time sync for concurrent sessions with zero data loss incidents in testing.

### DineEase | Python, GUI frameworks

- Designed and built a restaurant management system using **Python** with **Tkinter/PyQt**, enabling automated billing and order processing for 50+ daily transactions
- Streamlined operations by developing 3 core modules (menu management, order tracking, reporting), reducing order processing time by 40% and billing errors by 70%.

## ACHIEVEMENTS

### Runners-Up in SIH | Jaipur '23

( Certificate Link )

- Integrated AI-powered features into our model to enhance issue resolution, automate responses, and improve medical support efficiency.
- Led a 4-member team to develop an AI-powered medical assistant prototype in under 24 hours time.

## STRENGTHS

- Personable, Altruistic, Adaptability.