

# ROHAN RAO

UG@ IIIT-H

## SUMMARY

As a committed Computer Science undergrad at IIIT-Hyderabad, I bring a blend of academic rigor and practical tech savvy to the table. My journey began with a sterling performance in the JEE Mains, securing a rank in the top 1%, a testament to my analytical prowess and problem-solving skills. Academically, I've emerged as a leader, coordinating tech clubs, steering the creative direction of our tech fest, Felicity, and representing brands like Sunburn as a campus ambassador. These roles have honed my project management and community-building acumen. I am now poised to transition my analytical acumen, project execution experience, and leadership skills to a professional setting where I can contribute to creating transformative tech solutions.

## PROJECTS

### **Database Design for FLP**

*Feb 2021 - Apr 2021*

- Data and applications
- conducted an in-depth analysis to define database design requirements
- Developed comprehensive functional requirements for database operations.

### **Terminal-Based Clash of Clans Game**

*Jul 2021 - Sep 2021*

- Independently developed a text-based version of the popular Clash of Clans game.
- Created game mechanics, graphics, and user interactions entirely using core Python, without external libraries
- Implemented real-time gameplay features and challenges for an engaging gaming experience in a command-line interface.

### **Risk-Averse Routing Algorithms on Simulated City Maps**

*Dec 2021 - Feb 2022*

- Structures and Algorithms
- Designed and implemented novel risk-averse routing algorithms.

## EXPERIENCE

### **UI Designer**

**Hatchling.ai** *Jun 2022 - Aug 2022*

- Spearheaded the complete UI/UX design process for a key project.
- Created a comprehensive UI/UX prototype, focusing on user-centered design principles.
- Collaborated with cross-functional teams to ensure seamless integration of design elements.

### **Full-stack Developer**

**Infinos Technologies LLP (Freelance)**

*May 2023 - Aug 2023*

- Developed a MERN stack-based solution to integrate software with hardware, enhancing system functionality.
- Implemented features for temperature control and on/off toggling for heater and cooler systems.
- Designed a data visualization interface for real-time monitoring of temperature and humidity across multiple components.

### **Android Developer**

**Parijatham Women Wellness**

*Jan 2022 - Mar 2022*

- An Android application enabling doctors to access patient health reports and records.
- Integrated appointment booking feature, allowing doctors to schedule appointments based on their availability.
- Enhanced user experience and streamlined healthcare management for medical professionals.

## EDUCATION

### **SSC**

**Narayana Olympaid School** *Apr 2018*

### **MPC**

**Sri Chaithanya Junior College** *May 2020*

### **B Tech in Computer Science**

**IIIT-Hyderabad** *Sep 2020 - Present*

## SKILLS

- Conducted simulations on city maps to evaluate algorithm performance.
- Analyses and presented findings to optimize navigation in uncertain environments.

### Extraction of Ecological Data

Aug 2022 - Dec 2022

- Data extraction was to collect species' names and locations and write them in a CSV or XLSX format for easy usage and readability,
- We used the tabula library in python to look for tables and other table-like data and extract the names and locations from them.
- The extracted locations were then used to look up the latitudes and longitudes via the open street map API, so we could later plot them on the maps.

### ACHIEVEMENTS

- Achieved an All India Rank of 654 in JEE Mains
- Decor Club Coordinator at IIIT Hyderabad (IIITH)
- IIITH National Service Scheme (NSS) Coordinator
- Coordinator for The Gaming Club at IIITH
- Design Lead for Felicity (IIITH Fest)
- Sunburn Campus Ambassador
- Active involvement in Photography and Videography
- Marketing Team Member at Wink Entertainments

- C
- C++
- Python
- JavaScript
- SQL
- JAVA
- figma
- dart
- HTML/CSS
- AWS
- API

### LANGUAGES

English

Telugu

Hindi

### CONTACT

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