

# Sai Sravan AB

☎ 513-462-3722 ✉ [absaisravan@gmail.com](mailto:absaisravan@gmail.com) 🌐 [linkedin.com/in/saisravan127](https://www.linkedin.com/in/saisravan127)

## EDUCATION

### University of Cincinnati

Master of Science in Information Technology | GPA: 4.0/4.0

August 2023 — December 2024

Cincinnati, Ohio

### Guru Nanak Institutions

Bachelor of Technology in Information Technology | GPA: 3.72/4.0

July 2018 — July 2022

Hyderabad, India

## SKILLS

- **Languages:** C/C++, Java, Python, HTML/CSS, Tailwind CSS, JavaScript, TypeScript.
- **Frameworks and Libraries:** React, Next.js, Node.js, Express.js, Angular, Mocha, Jest, Cypress.
- **Developer Tools:** Jira, VS Code, PuTTY, Chrome Dev Tools, Postman, Git, Perforce.
- **Additional Skills:** Microsoft Office, Agile Methodologies, UI/UX Design, Data Analysis, Linux.

## EXPERIENCE

### University of Cincinnati

Graduate Teaching Assistant

August 2023 — Present

Cincinnati, OH

- Instructed undergraduate courses in Information Security/Assurance and Computer Networks for over 200 students per semester, actively shaping curriculum development to ensure an immersive and impactful educational experience.
- Addressed and resolved over 50 student queries per week, providing individualized assistance to help students grasp complex concepts, resulting in a 20% improvement in average grades.

### EPAM Systems

Software Engineer | Client: EBSCO Information Services

January 2022 — July 2023

Hyderabad, India

- Migrated a critical client project, Next UI, from React to Next.js, resulting in a 30% reduction in load times and improved overall user experience.
- Developed responsive web components using NextJS and optimized core web vitals following the best industry practices thereby improving largest contentful paint by 35% and first input delay by 42%.
- Managed backend operations using Node, ensuring seamless integration and functionality, contributing to the project's success by maintaining uptime of over 99.9%.
- Collaborated closely with a cross-functional team of 8 developers, designers, and product managers, actively participating in daily standups, code reviews, and knowledge sharing sessions to drive the successful delivery of the Next UI project.

### PepCoding

SDE Intern

September 2021 — January 2022

Hyderabad, India

- Developed NADOS, a comprehensive interview preparation platform using MERN stack with features similar to LeetCode and Facebook, attracting over 10,000 users within the first six months.
- Analyzed user feedback to iteratively enhance platform features, resulting in a 20% increase in active daily users.
- Conducted rigorous testing using Mocha and Jest, reducing reported issues by 35% and improving platform stability.

## PROJECTS

**Full-Stack Reddit Clone:** Developed a Next.js web application replicating Reddit. Implemented features such as:

- Infinite scrolling for post loading, ensuring a smooth browsing experience
- Secure authentication using NextAuth with seamless Google integration for enhanced user security
- Customized feeds tailored to authenticated users, providing personalized content recommendations.
- Leveraged Upstash Redis for advanced caching, optimizing performance and reducing load times.
- Comment system with nested replies, facilitating engaging discussions and interactions within the platform.

**Hotel Reservation System:** A MERN stack project showcasing proficiency in React, Node.js, and MongoDB. Implemented advanced features, including Context API, JWT for secure authentication, custom hooks, and a responsive React calendar. This full-stack application demonstrates expertise in modern web development technologies, contributing to the creation of a seamless and user-friendly hotel management system.

## CERTIFICATIONS

- **Responsive Web Design Certification** - FreeCodeCamp
- **Meta Front-End Developer Professional Certificate** - Coursera
- **NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno)** - Udemy.