

Anushthan Saxena

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Education

Indian Institute of Information Technology
BTech in Computer Science Engineering. CGPA: 8.6

Sri City, Chittoor
2021-2025

Shanti Niketan Public School
12th (C.B.S.E). Percent: 94.2%

Agra
2020

St. George's College
till 10th (C.I.S.C.E). Percent: 93.8%

Agra
2018

Experience

Site Reliability Engineer and Instrumentation Assistant

June 2024 - Present

- Working part-time at PORS AI development, focusing on site reliability engineering and instrumentation tasks.

Projects

WizLance - Web Project 


Jan 2023 - Apr 2024

- Led the development of a comprehensive full-stack e-commerce platform with dedicated interfaces for customers, freelancers, and administrators.
- Utilized Vite for an optimized React-based frontend, styled with Tailwind CSS, and integrated various supporting libraries.
- Designed and implemented an Express API to facilitate data retrieval, leveraging routers and handlers, and employed MongoDB for backend storage. Managed sessions with Redux Toolkit and achieved a tier-1 hosting architecture.

VisionLanguage - Major Project

2024

- Spearheaded the development of a cutting-edge sign language to text/speech translation project, using hand tracking and Xbox Kinect depth data.
- Conducted extensive model comparisons to optimize for speed and accuracy, focusing on multi-modal data processing and pose estimation for translating complete sentences.

Spam Classification - Semester Project 

August 2023 - December 2023

- Created an advanced spam classifier utilizing natural language processing and information retrieval techniques.
- Applied sophisticated methodologies such as inverse document frequency and cosine similarity, supported by a streamlined backend, to distinguish between spam and legitimate messages effectively.

Ticket Booking System - Java Project 

- Led the development of a robust command-line interface (CLI) Movie Ticket Booking System from inception.
- Utilized Java and JDBC to ensure seamless connectivity with a MySQL database, achieving efficient data management.
- Designed a component-based architecture, incorporating comprehensive error handling mechanisms for enhanced system reliability.

Leadership Activities

Reverb IIITS Core member

since August 2023

- A core member of Reverb, the exclusive music club at IIIT Sri City, contributing as a guitarist and organizing various events.

Abhisarga team

Jan 2024 - Feb 2024

- Contributed as a member of the client-side division within the Abhisarga (college festival) tech team, focusing on frontend development with NextJS and animations using GSAP/Framer Motion.

Misc: Took on the role of Project Leader for the majority of team-based projects undertaken throughout the course, showcasing leadership and coordination skills across both technical and non-technical initiatives.

Skills & Interests

Technical: Java, MERN stack, NextJS, TailwindCSS, Docker, Kubernetes, Jenkins, Git, GitHub, SQL/NoSQL databases, Shell Scripting, Spring Boot, Framer Motion, Flutter, Cloud (AWS, Google Cloud), Redux, Monitoring, Debugging, UI/UX Design, Python, Site Reliability Engineering, Instrumentation, Terraform, Incident Response, Automation, Metrics Collection, Logging, Performance Monitoring

Interests: Guitarist, Film enthusiast