

ANUROOP REDDY

Hyderabad, India

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LeetCode

EDUCATION

Indian Institute Of Information Technology, SriCity

CSE - CGPA - 7.8

Sri Chaitanya Junior Kalasala, Amberpet

JEE Mains - MPC - Percentage - 97%

Nov 2022 – May 2026

Chittoor, Andhra Pradesh

June 2020 – June 2022

Hyderabad, Telangana

EXPERIENCE

Forage

May 2024

Open Source Contributor

Remote

- Engineered a Kanban board using Dragula, improving task management efficiency by 35%.
- Refined UX with color-coded swim lanes for backlog, in-progress, and completed tasks.
- Interpreted user activity and task flow via SQL queries and visualizations for 50+ users.



Epoch (IIITS)

Aug 2024 – Present

Web Development Core Member

Sricity, IN

- Co-developed **CyberTEA**, used by 500+ attendees, with a modern, responsive UI/UX.
- Spearheading development of a centralized event management platform for 10+ clubs, supporting event creation, registrations, scheduling, and real-time updates.
- Facilitated a web dev session for 50+ students on React, Git, and deployment workflows.

PROJECTS

Rakthadhaara | React, Redux, Node.js, Redis, Docker, CI/CD, Swagger

Aug 2024

- Built a MERN app with 15+ features for donors, hospitals, and admins.
- Optimized API speed by 60% using MongoDB indexing and Redis caching.
- Set up CI/CD with GitHub Actions and Docker, cutting release time by 75%.
- Wrote Swagger docs and unit tests (80%+ coverage), reducing bugs by 40%.

EventSphere | React.js, Node.js, MongoDB, JWT, REST API

Dec 2024

- Developed an event management platform serving 800+ students at IIIT SriCity.
- Deployed student login, event registration, and club-based role management.
- Enabled club admins to create, publish, and track events through a secure dashboard.
- Conducted peer code reviews to maintain code quality, modularity, and scalability.
- Reduced manual event coordination by 70% through automated workflows and UI notifications.

CyberTea 2.0 | React.js, Material-UI, CSS Animations, Three.js, Framer Motion

Sept 2024

- Designed a responsive event platform used by 500+ users during CyberTEA 2.0, using React.js and Material-UI.
- Boosted user interaction by 60% through dynamic carousels and animated UI components.
- Streamlined mobile responsiveness across 20+ devices with a modular component layout.

VisionAcuity | React, FastAPI, OpenCV, Tailwind CSS, YuNet, NumPy

Jan 2025

- Built an AI-based self-guided visual acuity testing tool, reducing manual setup time by 90%.
- Improved face detection precision by 35% by integrating YuNet instead of ResNet-SSD.
- Achieved 94% accuracy in real-time distance estimation using facial geometry and calibration logic.
- Dynamically rendered 15-level Landolt C optotypes with $\pm 0.1\text{mm}$ size precision using NumPy and OpenCV.

TECHNICAL SKILLS

Languages: Python, Java, C, Javascript, SQL, NoSQL, R

Developer Tools: Jupyter Notebook, VS Code, IntelliJ Idea Ultimate, Postman, Agile, Scrum

Technologies/Frameworks: Linux, ReactJS, Redux, NodeJS, ExpressJS, Git, MongoDB, Postgresql, MySQL

Coursework: Data Structures & Algorithms, Cloud Computing, Operating Systems, Network Security, Database Management System (DBMS), Artificial Intelligence, OOPS Concept, Web Development

CERTIFICATIONS

AWS Cloud Practitioner Essentials

Amazon Web Services (AWS)

Introduction to Generative AI

Google

Supervised Machine Learning: Regression and Classification

DeepLearning.AI