

Akula Chetan Krishna Sai

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Education

B.Tech, Computer Science and Engineering
VNR VJIET, Hyderabad GPA: 8.14

Nov 2021 – May 2026

Internship

Web Development Intern – InfyStore Lifestyle Pvt Ltd

May – Aug 2024

- Built responsive UI components with HTML, CSS, JS, React.
- Developed mini e-commerce app with product filtering, cart, and checkout.
- Participated in agile sprints, code reviews, and daily stand-ups.

Projects

Post-HCT Survival Prediction — LightGBM, XGBoost, RF

- Designed an **ensemble ML pipeline** achieving 78% accuracy & 0.6757 C-index.
- Implemented feature engineering and model evaluation on clinical datasets.

Mood Based Music Recommender — React, Python ML

- Built a **full-stack web app** recommending songs via mood and history.
- Integrated ML models with React frontend using Flask/REST APIs.

Student Record Management System — Node.js, MongoDB, Docker, Jenkins

- Developed RESTful application with Node.js/Express/MongoDB enabling secure CRUD.
- Containerized app with Docker and set up Jenkins CI/CD for automated build, test, and deployment.
- Added health checks and automated API tests for reliability and scalability.

Technical Skills

Languages: Python, Java, JavaScript, C++, C, R **Web:** HTML, CSS, Bootstrap, React.js, Node.js

Databases: SQL, MongoDB **Core CS:** DSA, OOP, DBMS, OS, Networks

Tools: Git, Power BI, Tableau

Certifications

Python, DSA, DBMS, Java, Web Dev, Tableau, Power BI

Co-curricular Activities

- Finalist, TuringCup-2023 coding contest.
- Organized technical events, Computer Society of India.
- Bronze Medalist, NTSE Mathematics Olympiad 2016.

Extra-curricular Activities

- Bronze Medalist, Medchal Regional U-16 Badminton.
- Volunteered for Computer Society of India VNRVJIET.
- Led school football team to U-15 CBSE Clusters semifinals, 2019.
- Event Coordinator, Dramatrix - VNR VJIET Drama Club.