

VAMSI KRISHNA KURAPATI

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🐙 [github/Vamsi Kurapati](https://github.com/Vamsi-Kurapati)

EDUCATION

Indian Institute of Information Technology Sri City

B.Tech in Electronics and Communications CGPA - 8.37/10.0

Dec 2020 – May 2024

Sricity, AP

Experience

DraconX | Fullstack Developer

Full Time

Aug 2025 – Present

- Scaling the **AI RFP** platform by managing backend services, media storage in **MongoDB**, optimizing API performance, and maintaining robust **authentication & authorization** flows.

Part Time & Internship

Dec 2024 – Aug 2025

- Delivered end-to-end platforms including **Lockerwise**, **Blindfold Trips**, and **AI RFP**, integrating modern UI/UX with scalable backend systems.
- Built responsive, cross-device frontend components in **React** and **Tailwind CSS**, and developed secure backend services with **Node.js**, **Express**, and **MongoDB**, implementing **RESTful APIs**, efficient data handling, and authentication with **JWT & Google OAuth2**.
- Deployed and maintained applications on **AWS EC2**, using **PM2** for process management and **Nginx** for reverse proxying and load balancing.

Projects

E-Clinic | *React.js, MongoDB, Express.js, Node.js*

[Live Github](#) Apr 2023

- Developed a comprehensive scheduling system for patient appointments and doctor availability, reducing conflicts and streamlining daily operations.
- Created a dashboard to showcase registered patients and doctors, efficiently handling over 500 queries daily for improved administrative oversight.
- Integrated an advanced video calling feature using WebRTC technology, increasing patient satisfaction.

Car Rental System | *Java, MySQL*

[Github](#) Oct 2021

- Designed a command-line application using Java, integrated with MySQL as the database server, to manage extensive car details.
- Implemented advanced search and filter functions, allowing users to find cars based on various criteria.
- Enabled users to monitor and perform activities including inserting, updating, and deleting car records.
- Provided real-time visibility of car availability, allowing users to check rental status efficiently.

Technical Skills

Languages: C, C++, Java, Python, SQL, JavaScript, HTML5, CSS

Databases: MongoDB, MySQL, PostgreSQL (familiar)

Frameworks & Libraries: React.js, Node.js, Express.js

AI & ML: OpenAI(GPT-4), Claude, Gemini

Tools: Git, GitHub, AWS EC2, S3, PM2, Nginx, MATLAB

Additional Information

- Worked as volunteer in National Service Scheme (NSS) for 1 year.
- Secured 11th Position in EMIDS Hackathon over 100 teams.