

Thaneeru Sri Vathsav

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🐙 [GitHub](#) | 💼 [LinkedIn](#) | 📁 [Portfolio](#)

Summary

Final-year B.Tech CSE (Networks) student at KITS Warangal with hands-on experience in full-stack web development, DevOps, and secure cloud applications. Built and deployed real-world projects involving FastAPI, React, Docker, and AWS. Interned as Backend Developer and DevOps Engineer. Actively exploring AI automation and cybersecurity

Experience

Backend Developer Intern

Vita Cure India

June-August 2025

- Developed RESTful APIs using **FastAPI** and **PostgreSQL**, improving data response time by 30%.
- Integrated **AWS S3** for secure file storage and retrieval in the health data module.

Research Intern

National Institute of Technology (NIT), Tiruchirappalli

June-July 2025

- Contributed to a published research paper on **cold start latency in serverless platforms (AWS & Azure)**.
- Deployed and benchmarked **Function-as-a-Service (FaaS)** applications to analyse performance differences across programming languages.
- Conducted empirical analysis using **Python**, **Node.js**, and cloud platforms. Confirmed that **code size does not impact cold start**, but **language does**.

DevOps Intern

Internship Studio

June-July 2024

- Set up **CI/CD pipelines** using **GitHub Actions** to automate build and deployment workflows.
- Containerized applications using **Docker**, ensuring environment consistency and ease of deployment.

Projects

Secure File Sharing – [GitHub](#) | [Live Demo](#)

- An encrypted file-sharing platform with QR-code based delivery and auto-destruct download logic.

Steganography Web App – [GitHub](#) | [Live Demo](#)

- Hide and extract messages/files inside images/audio/video for privacy-focused sharing.

Cyber Snoop Toolkit [GitHub](#)

Toolkit for lightweight cybersecurity operations like port scan, IP analysis. (*in progress*)

Education

B.Tech – Computer Science and Engineering (Networks)

2022-present

Kakatiya Institute of Technology and Science, Warangal

Certifications

- Cisco Certified Network Associate (CCNA)
- Cisco Networking Essentials
- Blockchain Basics – NPTEL

Skills

Java, Python, JavaScript

React.js, FastAPI, Next.js

Docker, Git, Linux, Figma, Power BI, AWS, Excel

MongoDB, MySQL

REST APIs, CI/CD, Postman, HTML, CSS