

Y. Varsha Sahithi

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GitHub

Profile Summary

Final-year Computer Science student (Business Systems specialization) skilled in software development, full-stack web applications, and machine learning. Experienced in building end-to-end applications using React, Node.js, and Python. Seeking opportunities to contribute technical expertise and grow as a software engineer.

Education

VIT-AP University, Amaravati B.Tech – Computer Science and Engineering (Business Systems) — CGPA: 8.86/10	2022–2026
Narayana Junior College, Guntur Class XII – Percentage: 93%	2020–2021
Top Kids School CBSE, Guntur Class X – Percentage: 96%	2018–2019

Technical Skills

Programming & Core: C, C++, Python, Ruby (Beginner), Data Structures & Algorithms
Web Development: HTML, CSS, JavaScript, React.js, Node.js, Firebase, Ruby on Rails (Basic CRUD)
Databases: MySQL, MongoDB, SQL Queries, Database Design
Machine Learning & Data: Pandas, NumPy, Scikit-learn, Matplotlib
Tools & Platforms: Git/GitHub, Streamlit, Postman, AWS basics, Unix/Linux

Projects

ProjeXcelerate – AI Project Recommender

React.js, Python, Scikit-learn, Firebase

- Built an AI platform recommending personalized projects based on user skills and goals.
- Added guided roadmaps, portfolio builder, and gamification features.

MediSeek – Medical Report Analyzer

Vite, React.js

- Developed at IISc Hackathon to simplify medical certificates into readable text.

InterviewBot – AI Interview Simulator

React.js, Node.js, OpenAI API, Python

- Built an AI-powered interview simulator leveraging large language models (LLMs) for adaptive question generation.
- Generated personalized mock interview questions and answers based on user resume and job description inputs.

Crypto Currency Dashboard

Streamlit, Pandas, Matplotlib

- Created a real-time cryptocurrency dashboard with interactive visualizations.

Achievements

- Finalist – Providence Leap Ideathon (Healthcare access solutions)
- Built MediSeek at IISc Bangalore Hackathon
- Completed Full-Stack Growth Cycles at NxtWave CCBP 4.0
- Qualified for State-level buildathon by NxtWave X Open AI

Certifications

- **IBM GenAI with Watson** – Certificate in Generative AI applications.
- **MCP Mega Workshop (NxtWave)** – Training in Model Context Protocol (AI integrations).