

# 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

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

## 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).