

K. Varsha
IIIRD B.Tech
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EDUCATION

Degree	CGPA	Institute	Year
B. Tech	9.5	MBU Tirupati	2022 - 2026
Intermediate	9.5	Vivekananda Jr College	2020 - 2022
SSC	9.9	SriChaitanya School	2019 - 2020

TECHNICAL SKILLS

- **LANGUAGES** : Java, Python, C
- **MACHINE LEARNING AND AI** : scikit-learn, TensorFlow, Keras, Gemini API (Google GenAI)
- **DATA STRUCTURES** : Arrays, Strings, LinkedList, Collections, Stack
- **DEVELOPER-TOOLS** : VS Code, Jupyter Notebook, Github.
- **DATABASE** : SQL
- **WEB DEVELOPMENT** : HTML, CSS, JavaScript, ReactJs, Vercel.
- **DATA ANALYSIS** : Pandas, NumPy, Matplotlib, Seaborn.

PROJECTS

- **Portfolio** :
 - Developed responsive web applications using React.js and Create React App.
 - Utilized key npm scripts (start, build, test) to streamline the development workflow.
 - Built modular, maintainable components with support for testing and production deployment.
- **Blood-Donation Website** :
 - Built a dynamic Blood Donation web app using React.js and Create React App with modular component architecture.
 - Implemented core npm scripts (start, test, build) for development, testing, and optimized production deployment.
 - Utilized HTML, CSS, and JavaScript (ES6+) to create a responsive and user-friendly interface.
- **AI-Health-Bot** :
 - Developed a Streamlit-based AI Health Bot that classifies 770 diseases from text/audio symptoms using a trained Random Forest model.
 - Integrated Gemini AI for health suggestions and minted private medical summaries as NFTs on the Aptos blockchain (testnet).
 - Enabled secure, portable, and anonymous digital health records with IPFS-hosted metadata and speech-to-text capabilities.
- **Customer-Churn** :
 - Developed an ML model to predict customer churn using behavioral and demographic data.
 - Analyzed key churn factors to support retention strategies with data-driven insights.

CERTIFICATIONS AND BADGES

- **Leetcode** : 150+ problems solved, Achieved 50-day coding streak.
- **Hacker rank** : Achieved Silver Badge in SQL, Java.
- Participated in X-HORIZIN 24 hr Coding Challenge Participated in Google's Online Challenge(Girl Hackathon), Winter Coding Challenge etc.