

RESUME

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LINKS :

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Hacker rank : https://www.hackerrank.com/profile/j_varshiniraj

GitHub : <https://github.com/Varshini-1605>

EDUCATION :

S. No	Qualification	Institute	Year	CGPA or Percentage
1	B. Tech (CSE)	VNRVJIET	2021-2025	8.65
2	Intermediate	SR Junior College	2019-2021	97.2%

PROJECTS:

- ★ **MACHINE LEARNING MODEL** : Trained an object recognition model using a diverse dataset of items. Implemented machine learning techniques to achieve high accuracy in identifying and classifying objects with precision.
- ★ **AI TEXT GENERATIVE CHATBOT** : Developed an AI Text Generative ChatBot named “Riya” utilizing cutting-edge technologies including LLM, LangChain, Gradio, PlayHT, Hugging Face, Google Colab and Vector Database to create a responsive conversational AI System.
- ★ **AI SPEECH GENERATIVE CHATBOT** : Engineered the ChatBot to engage in conversational interactions via speech input, enhancing user experience and accessibility by utilizing trendy technologies including LLM, LangChain, Gradio, PlayHT, Hugging Face, Google Colab and Vector Database to create a responsive conversational AI System.
- ★ **AI ART MINI PROJECT USING AI/ML TOOLS** : Developed a system that translates textual prompts into visual representations using advanced machine learning and image generation models resulting in 30% enhancement in image precision and a 25% reduction in processing time.
- ★ **FOOD MUNCH WEBSITE** : Designed the Food Munch website, implementing responsive web design techniques and frameworks, resulting in a seamless and user-friendly browsing experience, and achieving a 20% increase in user engagement .

TECHNICAL SKILLS :

Programming Languages	C, C++, Python, Java, SQL
Libraries	Numpy, Pandas, Matplotlib, Seaborn, Sklearn, PIL
Software tools	AutoCAD, Photoshop, Excel
Operating Systems	Linux, Unix, Windows

COURSES :

- ★ **MERN STACK DEVELOPMENT (2022-2023) :** Acquired proficiency in frontend technologies including HTML, CSS, Bootstrap and Javascript along with frameworks like NodeJs. Engaged in backend operations using MongoDB at VNRVJIET.
- ★ **DSA(2023-PRESENT) :** Enhanced solutions through optimization techniques, data structure refinement, and algorithmic enhancements at SMART INTERVIEWS and NXTWAVE Academy
- ★ **DATA SCIENCE(2023-PRESENT) :** Enhanced skills by gaining proficiency in statistical analysis, machine learning algorithms, and data visualization techniques through comprehensive coursework at NXTWAVE Academy.

CERTIFICATIONS :

- ★ NPTEL Certification in Data Science for Engineers in 2023.
- ★ Infosys spring board certificate on Prompt Engineering, Introduction to Unix in 2023.

ACHIEVEMENTS :

Co-Curricular :

- ★ Certified for completing AI Art Mini Project using AI/ML tools by NXTWAVE Academy.
- ★ Achieved certification in the Independence Day Mega Challenge
- ★ Recognized and certified for consistency and quality in project deliverables by NXTWAVE Academy

Extra-Curricular :

- ★ State Abacus Mental Ability Competition, 3rd place, 2012
- ★ First Place in Singing Competitions

SOFT SKILLS :

- ★ Spearheaded the coordination of various events, such as debugging contests, Hackathons and Ideathons as an active volunteer of CSI student chapter resulting in 25% increase in event management.
- ★ Organized impactful events like Mega Blood Donation Camps, Medical camps in rural areas as an active member of NSS and achieved 40% improvement compared to previous year.