

ROHIT GUPTA

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Education

Vidyalankar Institute of Technology <ul style="list-style-type: none">Branch:- Information Technology CGPA: 9.74 (3rd Sem)	2023 - 2027
C.H.M College <ul style="list-style-type: none">79.50% in 12th board.	2021- 2023
I.C.E.H.School <ul style="list-style-type: none">91.80% in 10th board.	2020 - 2021

Technical Skills

- **Programming Languages:** Java, Python, JavaScript.
- **Frontend Development:** React.js, HTML, Tailwind CSS, JavaScript.
- **Backend & Databases:** Node.js,Django, MongoDB, MySQL,SQLite.
- **AI/ML Technologies:** Generative AI, LangChain, LangGraph, RAG systems
- **Problem Solving:** Data Structures and Algorithms (DSA) in Java
- **Version Control & Tools:** Git, GitHub, Postman, Docker

Achievements

- **SIH Finalist 2024 (Aug'24 - Dec'24)** – Engineered Abhayam, an AI-powered threat detection system designed for women's safety, showcasing innovative problem-solving, Python-based data analysis, and technical implementation. Secured 3rd runner-up position, with our model effectively identifying potential threats with ~70% accuracy.
- **2nd Prize in College Hackathon (Codeathon) (Jan'25)** – Presented the security surveillance system, demonstrating strong coding, problem-solving, and presentation skills.

Hackathon

Smart India Hackathon Role:- Python Developer, Frontend Developer	Aug'24 - Dec'24
<ul style="list-style-type: none">• Led frontend for <i>Abhayam</i>, a women's safety app; ensured seamless, user-friendly interface design.• Used Python for data analysis; boosted real-time risk assessment accuracy, winning SIH 3rd runner-up.	

Projects

Event Management System — L&T Full Stack Python Bootcamp Winner Github	June' 25
<ul style="list-style-type: none">• Attended 5-day L&T full stack Python bootcamp; built real-world applications under mentorship.• Won best project for event management system; developed full-stack app in just 36 hours.	
ParenthoodAI (TechStack:- ReactJS, NodeJS, Langchain, Neo4j, Qdrant db, Docker, MongoDB) Github	May' 25
<ul style="list-style-type: none">• Built ParenthodAI, a Generative AI web app that delivers personalized, multi-language support to parents of children with ADHD and autism through multi-modal interactions.• Designed and containerized the backend using MongoDB (user data), Neo4j (knowledge graph), and Qdrant (semantic search) to power intelligent, context-aware guidance.	
Chai-Docs (TechStack:- Python, Streamlit, Qdrant db, Gemini) Github	April' 25
<ul style="list-style-type: none">• Built a RAG-based AI assistant using Python, LangChain, and Gemini 1.0 Pro, designed to give accurate, context-aware answers from Chai-Docs documentation.• Created a full pipeline with a Streamlit UI, using Qdrant (Dockerized) for fast semantic search and smart retrieval of relevant document chunks.	
MediBuddy (TechStack:- Typescript, NextJs, ReactJs, NodeJS, MongoDB) Github	March' 25
<ul style="list-style-type: none">• Developed a full-stack Health Tracker App as a semester project using Next.js, React, TypeScript, Node.js, and MongoDB, enabling users to manage appointments, medications, and personal health records with ease.• Implemented an automated reminder system with Vonage-SMS API for delivering next-day alerts and showing a 7-day appointment overview on the dashboard.	