

# Harshita

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## Education

VIT Bhopal University, B.Tech in Computer Science (CSE Core)	Sept 2022 – Sept 2026
• CGPA: 8.44/10.0	
Brilliants' Convent School, CBSE XII	May 2022
• Percentage: 83.2%	
Brilliants' Convent School, CBSE X	Mar 2020
• Percentage: 83.8%	

## Technologies

• C++ • Python • JavaScript • SQL • MERN Stack • HTML/CSS • Machine Learning • NLP • Docker • Git  
• FastAPI • Flask

## Experience

Research Trainee, DRDO – Delhi, India	Dec 2024- Jan 2025
• Created and built an immersive virtual reality (VR) firefighter training simulation that improved safety procedures and decision-making abilities by simulating actual fire situations, greatly increasing the efficacy of emergency response teams' training.	
Data Analyst Intern, PreProd Crop – Remote/Delhi, India	Sept 2024- Oct 2024
• At PreProd Opnsrc, I designed and executed end-to-end AI/ML solutions, creating optimized SQL/PySpark data pipelines (40% faster ETL), Power BI dashboards (30% faster choices) and predictive models (25% accuracy boost) to provide data-driven business outcomes.	

## Projects

Avenge.AI
• Using Python, Flask, ReactJS, and SQLite, a full stack AI platform was designed that allowed for smooth upload of datasets, preprocessing, and training of 5 machine learning models. The platform achieved 95% training accuracy and 92% testing accuracy in benchmark data sets, and the deployment was optimized for a better user experience.
Text Summarizer NLP
• Developed an NLP text summarisation solution with AWS and Docker that analyzed over 1,000 text samples to automatically produce concise overviews while maintaining important details, hence minimizing end users' information overload.
Promptopia
• Using Next.js, MongoDB, and Vercel with Google Auth integration, an AI prompt-sharing platform was created that can handle over 1000 users each month and increases prompt efficacy by 15% with carefully chosen categories and comprehensive instructions.

## Positions of Responsibility

Tech Team Lead, iOS Club, VIT Bhopal	Jan 2023 – Present
• Delivered immersive workshops on iOS development covering 5 advanced frameworks over 4 weeks	
• Enabled 90% of participants to build functional apps by the end of the program	

## Awards & Achievements

- **Certificates:** AI Programming with Python - Udacity, Responsive Web Design - freeCodeCamp, JavaScript - HackerRank, Cloud Computing - NPTEL
- **Hackathons:** Finalist in VIT Unplugged24 hackathon, First Runner-up in Buildathon24, Top 6 in VITB-JHU Health-Hack 2025