

# Sambhav Shrivastava

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## Summary

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Computer Science undergraduate skilled in Python, JavaScript, Machine Learning, IoT systems, and full-stack web development. Developed projects including an IoT-based remote health monitoring system, a voice-enabled AI assistant using ESP32 and ChatGPT, and SkillLink—a professional networking platform. Passionate about building scalable, tech-driven solutions for real-world challenges.

## Experience

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**Team Lead Videography, GDGC, VIT Bhopal University** 2024-2025

- Appointed as the **first Videography Lead** at GDGC VIT Bhopal; led a team of 7
- Produced content that drove **record-breaking Instagram views** for the club.
- Promoted to **Student Coordinator**; organized flagship events like **Google Olympics**.
- Coordinated with design and tech teams for seamless branding and event coverage.

## Projects

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**SkillLink** 2024

- Cleaned Data and handled preprocessing
- Fine Tuned the Chatbot Model
- Developed machine learning models for prediction

**MediCare ICU** 2024-25

- Handled the data preprocessing and fine tuning of ML Chatbot
- Built the ESP-32 based “Vitals Center(VC)” for reception and transmission of Patient’s Vitals Data
- Optimized the physical portability vs performance ratio for the MediCare system

## Education

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**BTech CSE | Vellore Institute of Technology, Bhopal** 2023-2027

CGPA: 8.60

**BS | Data Science and Applications | Indian Institute Of Technology, Madras** 2024-2028

CGPA: 8.51

## Skills & abilities

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- Programming Languages(C++,Python, Java, JavaScript, SQL(MySQL and Postgress SQL))
- AI/ML (Data Processing, Model building and Fine Tuning)
- AI Prompting
- Problem Solving
- Communication, Leadership and Management