# DEVANSHI SINGH

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## EDUCATION

**VIT BHOPAL UNIVERSITY**                                                   Bhopal, Madhya Pradesh
Bachelor of Computer Science Engineering                                        Expected June 2026
Cumulative GPA: 8.75

**ST. FRANCIS ACADEMY**                                                      Auraiya, Uttar Pradesh
Completed Higher Secondary Education (Science Stream) under CBSE with **75.8%**        Mar 2020 – Mar 2022

**ST. FRANCIS ACADEMY**                                                      Auraiya, Uttar Pradesh
Completed Secondary Education under CBSE with **83.8%**                          Mar 2019 – Mar 2020

## PROJECTS

**Smart AI Bot**                                                              Feb 2025 – May 2025
- Developed an interactive AI chatbot using ReactJS and OpenAI API that handled over 1,000+ user queries during testing.
- Designed a responsive interface using reusable React components, improving development speed by 30%.
- Integrated RESTful API with real-time response capability, reducing average reply latency to under 1.5 seconds.
- Enhanced reliability by implementing input validation and error handling, reducing crash rate by 40%.

**Agricultural Bot**                                                          Jul 2024 – Apr 2025
- Built a CNN model achieving 95%+ accuracy in detecting 10+ types of plant diseases from leaf images.
- Integrated soil moisture sensors to automate irrigation, reducing manual watering needs by 60%.
- Deployed solution on Arduino with real-time feedback under 5 seconds per detection cycle.
- Refined detection pipeline, calibrated input signals, and helped design embedded system for deployment.

**REPGs Website**                                                            Aug 2023 – Nov 2023
- Developed REPGs, a full-stack web application that helped 150+ students find nearby PG accommodations, improving accessibility and user engagement.
- Designed user-friendly UI using HTML, CSS, and JavaScript, leading to 25%+ increase in user session duration.
- Built secure PHP back-end with optimized SQL queries, handling 100+ property listings with <1 second search response.
- Enabled seamless front-end/back-end data integration, reducing bug reports by 35%.

## ACHIEVEMENTS

- Solved 500+ DSA problems on LeetCode and GeeksforGeeks with consistent 100-day streak.
- Achieved Top 10% rank in Cloud Computing course by IIT Kharagpur

## CERTIFICATIONS

- MERN Stack Development with MongoDB by Smartbridge - Apr 2025
- NPTEL Cloud Computing by IIT Kharagpur - Apr 2024
- NPTEL Marketing Analytics by IIT Kharagpur – Apr 2025

## ADDITIONAL

**Technical Skills:** C++, Python, SQL, HTML, CSS, JavaScript
**Focused Field:** MERN Full-Stack Web Development
**Framework:** ReactJS, Node.js
**Developer Tools:** Version Control System, Git, VS Code, MySQL, Jupyter