

DEVANSH RAI

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY <i>B.Tech. in Computer Science with Artificial Intelligence 8.23 GPA</i> Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Discrete Mathematics, Computer Architecture, Linear Algebra, Calculus, Machine Learning	INDIA May 2027
Eureka Club Bhopal, India Core Member – Technical Team	Mar 2024 – Present
IoT Club Bhopal, India Core Member – Designing Team.	Mar 2024 – Present
E-Cell Club Bhopal, India Core Member – Social Media Team	Nov 2024 – Present

EXPERIENCES

TheCatalyst <i>Co-Head Social Media</i> <ul style="list-style-type: none">Participated in mentorship initiatives, connecting students with experts for skill-building opportunities.Coordinated events and managed social media for TheCatalyst NGO, enhancing engagement and ensuring smooth execution of sessions.	London, United Kingdom October 2024- Present
CodeDay <i>Social Media Manager & Volunteer</i> <ul style="list-style-type: none">Orchestrated hackathons, engaging 2000+ high school students, fostering creativity and tech interest.Led 50+ workshops on Python, Git, and AI, enhancing technical skills for 300+ attendees.Streamlined event logistics, working with sponsors to ensure flawless operations and execution.Managed social media for CodeDay Lucknow, driving 40% growth in engagement and event awareness.	Seattle, WA April 2024- Present
VIT Robotics Club <i>Core Member.</i> <ul style="list-style-type: none">Led robotics projects, boosting members' engineering and problem-solving skills by 30% through hands-on experience.Mentored 10+ members, applying expertise in autonomous and sensor-based robots to guide their technical growth.	Bhopal, India February 2024- Present

PROJECTS

WellWeather <i>Python, Machine Learning</i> <ul style="list-style-type: none">Developed WellWeather, a smart web app delivering 80% more personalized health advice using real-time weather and AQI data.Integrated an AI chatbot, enabling instant, 24/7 health and weather guidance through natural conversations.Leveraged real-time data, helping users make 50% better health decisions based on environmental conditions.	Jan 2025
Moodify <i>HTML, CSS, JavaScript, API Development</i> <ul style="list-style-type: none">Developed Moodify, a web app that delivers 90% accurate mood assessments through an interactive questionnaire.Optimized user experience, using sliders and dropdowns for seamless mood evaluation.Integrated Spotify API, generating instant, personalized playlists based on user mood.	Sep 2024
TronooMega <i>Python, Java, Arduino, OpenCV 2nd Position- IARRC 2019- Uni. Of Waterloo</i> <ul style="list-style-type: none">Designed an Arduino-based collision system, improving vehicle trajectory by 25% in complex environments.Secured 2nd place in RoboRace at the University of Waterloo with real-world traffic and pedestrian detection.Enhanced autonomous safety, integrating precise sensors to reduce road incidents significantly.	Mar 2019

HONORS & AWARDS

<ul style="list-style-type: none">Commended by India's Defense Minister for achieving top 3% academic performance nationally.1st Place Robotex India- RoboSumo, 1st Place Robo War- Robotex India, 1st place TechFest Zonal 2020, 1st place- RoboRace Entente 2022, Judge's Choice IARRC 2019- Uni. Of Waterloo, 6th Place Techfest 2021.	
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SKILLS

Languages	Java, C, C++, Python, Dart, Swift, HTML5, CSS3, JavaScript, MySQL
Tools & Frameworks	Arduino, Raspberry Pi, Firebase, Flutter, OpenCV, Git, IoT, Automation
Operating System	Linux, Ubuntu, macOS, Windows, Raspbian