DEVANSH RAI

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY   **INDIA**
*B.Tech. in **Computer Science** with **Artificial Intelligence** | **8.23 GPA***   **May 2027**
Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Discrete Mathematics, Computer Architecture, Linear Algebra, Calculus, Machine Learning

Eureka Club| Bhopal, India | Core Member – Technical Team   **Mar 2024 – Jun 2025**
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

Center for eGovernance | *SDE Intern*   **Lucknow, India | May 2024 - Present**
- Contributed significantly to the **AI Pragya** initiative, **enhancing AI awareness and digital literac**y across diverse demographics.
- **Spearheaded the development and refinement of digital tools**, fostering increased outreach, education, and feedback mechanisms for inclusive technology adoption.

TheCatalyst | *Co-Head Social Media*   **London, United Kingdom | October 2024- Present**
- **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.

CodeDay | *Social Media Manager & Volunteer*   **Seattle, WA | April 2024 – August 2024**
- **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.

PROJECTS

WellWeather | *Python, Machine Learning*
- **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**

AI Sudoku Solver | *Python, Machine Learning*
- **Developed AI Sudoku Solver**, a smart way of solving sudoku-grid that delivers the solved grid with **90% accuracy.**
- **Optimized user experience**, using buttons and overlays for **seamless operation**.   **Jul 2025**

TronooMega | *Python, Java, Arduino, OpenCV | 2nd Position- IARRC 2019- Uni. Of Waterloo*
- **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

- **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.

SKILLS

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