

ISHAAN SHAURYA CHAMOLI

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EDUCATION

University of Illinois at Urbana-Champaign, Grainger College of Engineering

May 2026

Bachelor of Science in Computer Science

GPA: 3.57/4.00

MITRE eCTF 2nd Place Winner, HackIllinois, AI Hub, Maker Money Grant, Cozad New Venture Challenge

Courses: Software Design Lab, Data Structures, Computer Architecture, Probability and Stats for CS, Systems Programming

Ridge Valley High School, India

GPA: 4.00/4.00

Student Body President, Technology Head, Times of India Student of the Year

WORK EXPERIENCE

Developer, Jan Suraaj Indian Political Party

June 2024 - Present

- Led the development of a **React Native** app for surveys and a real-time statistics dashboard
- Utilized by **5,000** volunteers reaching **6 million+** citizens, saving **\$286,000** in the State Election to drive societal change in Bihar - India's lowest ranking state on the Human Development Index
- Executed **5** high-profile campaigns with Harvard, Stanford alums & **Prime Minister Modi's Ex-Political Strategist**

Representative of India, World Economic Forum

March 2022 - August 2023

- Addressed and advised **50+** companies on ethics and policies in AI for children, as an AI Youth Council member
- Established first ever national chapter of the council with **200 members**

Founder, SafeR Technologies

August 2021 - August 2023

- Developed SafeR with FRIENDS - an **Android app** connecting "First Responders In Emergencies 'N Dire Situations". Tested with local governments, India's **National Adventure Foundation** and **1000 users**
- Developed SafeR Mapping - a **Python** algorithm to analyse safe routes impacting **550+ refugees** in conflict zones. **Intel's AI Global Impact Award**; **UN IOM** deployed in Kyrgyzstan & Tajikistan; mentored by **MIT EECS professor**

PROJECTS

BookWars (2024). Web App leaderboard to compete among friends and schools on who reads the most books. Created using the **EJS** templating language and a **Node.js** back end with **PostgreSQL**.

Uplift (2024). AI Mobile App to help users communicate correctly with their family/friends in need of mental health support. A **React Native** project integrating **Tesseract.js** and **LangChain**.

Mr. Bot (2022). Smart shopping cart to improve analytics in retail stores. Built self-following & differently abled support features with **Arduino/C++**. Given govt. grant; invited to IIT Kharagpur; endorsed by National Association for the Blind.

Stock Trading Simulator (2021). Web application to learn stock trading with real-time NASDAQ share prices. Created using **Flask** and **IEX Cloud's stock market API**.

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

Model UN & Debate

April 2018 - August 2023

- Founded and led DIY MUN - a network of 10 events with **1000+ participants** for charity, **funding 100 low-income students' education** during Covid-19. Nominated for **Prime Minister's National Youth Award** by State govt.
- Participated in **60+** conferences; mentored students from **20+ nations**; conducted UN75 events with State govt.

Project Lead, Samarthanam Trust for the Disabled

March 2021 - July 2022

- Proposed, fundraised for, and organised a 4-day outdoor education program for the 30 members of the **Indian National Blind Women's Cricket Team** with the Cricket Association for Blind in India.
- Conducted a **nationally televised** friendly match with a government Search & Rescue team to promote sensitization during natural disasters and emergencies.

TECHNICAL SKILLS

- Python, Java (Object Oriented Programming), Kotlin, C++, JavaScript, HTML/CSS
- SQL, GIT, TensorFlow, Matplotlib, NumPy, Pandas, Scikit-learn, Data Structures, Algorithms