

HRIDYANSH KUSHWAHA

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OBJECTIVE

I build, study, and experiment with a single focus and mastery. From writing code late at night to breaking down complex systems to their core principles, I am constantly preparing for challenges that demand precision, resilience, and vision. I am on a path to create things that matter—products, systems, and ideas that outlive trends. Whether it is engineering secure software, exploring space technology, or pushing my own limits through rigorous preparation, I move with intent

EDUCATION

B.Tech in Computer Science & Engineering, United College Of Engineering & Research Expected 2027

Intermediate (12th schooling), Maharshi Arvind Vidya Niketan 2022

High School (10th schooling), Maharshi Arvind Vidya Niketan 2018

SKILLS

Programming Skills :	C, Python, Full Stack, Embedded Programming
Simulation Tools :	OpenRocket, CircuitSim
Software & Systems :	Linux, Windows, Firebase, Github
Soft Skills :	Problem-solving, Team work, Leadership, Communication

EXPERIENCE

Student Intern July 2025 - Aug 2025
IBM *India*

- Achieved 95% growth in network analysis, Cybersecurity.
- Developed Network Analysis Tool for network analysis using Python and Wireshark.

Student Intern Summer 2024
United College Of Engineering & Research *Prayagraj, Uttar Pradesh, India*

- Achieved 65% growth in Java Programming skills.
- Led a small team and developed Basic Railway Reservation System using collection frameworks in java.

PROJECTS

Solar System Simulation : Built a web page to simulate our solar system for educational purpose and deployed using Github pages.! ([Try it here](#))

AKTU Student Portal : Build a student friendly unofficial website for my university. The website attracts 1k+ daily active users and deployed using Firebase.([Try it here](#))

Inflation Loss Calculator: Build a project using HTML,CSS,JS which uses previous pattern of inflation in a country and predicts the future outcome. It shows graphs and have cool slider also with daily 150+ active users. The project is deployed using Firebase. ([Check it Here!](#))

Network Traffic Analyzer tool: Build a project that analyze pcap files captured from wireshark using python. ([Check it Here!](#))

ECOSnake Game: Build a snake game using HTML,CSS,JS with a twist of sustainability . ([Check it Here!](#))

CERTIFICATES AND ACHIEVEMENT

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|---|----------------------------|
| • Bharatiya Antariksh Hackathon 2025 Organised By ISRO & H2S. | Participation Certificate. |
| • IBM Virtual Internship 2025 Organised by IBMMooc. | |
| • InnoFusion 2.0 UEM Kolkata | Participation Certificate |
| • Code Conquest 2025, IISc Bangalore | Participation Certificate. |
| • Accenture Innovation Challenge Bootcamp 2024 | |
| • Uhack 3.0, United College Of Engineering & Research. | Appreciation certificate. |
| • TechExpo 2025, IIT Guwahati | Participation Certificate |

EXTRA-CURRICULAR ACTIVITIES

- Actively write [blog posts](#) and also I am a hobbyistic writer and Hindi poet and published a book [The Life You Should Love](#).

LEADERSHIP

- Actively involved in hackathons and workshops. Led my team in Uhack and many hackathons to demonstrate problem solving skills. We developed a prototype of RF energy harvesting to convert ambient radio frequency signals into electrical energy. I guided the project from concept to demonstration, coordinating circuit design and presentation. The project showcased innovative thinking in sustainable power systems and got a lot of appreciation from Electronic & CSE department.