

SHIVAM KUMAR JHA

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OBJECTIVE

Second-year B.Tech student passionate about leveraging technology to solve real-world problems. Seeking opportunities to apply my skills in robotics, web development, hacking, and AI/ML.

EDUCATION

B.Tech in Computer Science, Maharaja Agrasen Institute of Technology Expected 2026
Relevant Coursework: OOPS in C++ and Java, DBMS, DSA.

Kendriya Vidyalaya, Sector 4, R K Puram, New Delhi 2010 - 2022
Achievements: 2-time Math Olympiad Winner, 1-time Science Olympiad Winner

SKILLS

(Proficient)	Rust, C++, Java, Python, Linux, SolidWorks, Kotlin, ROS
(Familiar)	JavaScript (MERN), Ansys, IoT, C#, PHP
Professional Skills	AI/ML, Cybersecurity, Web/App Development, Database Management

EXPERIENCE

Intern May 2023 - June 2023
Kodacy, Delhi, IND

- Achieved beginner to above-average growth in projects using ROS, ML, and embedded systems.
- Led modular projects, enhancing bot-building and problem-solving skills.
- Developed robotics projects including line following, object avoidance, and RC car using Arduino/ESP32/NODEMCU/1 Pi, C/C++/Python/Rust, and ROS.

PROJECTS

Catalog Craft

Winner of ONDC National Hackathon "Build for Bharat"

Developed a solution for digitizing product catalogs, supporting over 1000 SKUs with text, voice, and image inputs in Indic languages. ([Try it here](#))

Smart LED Display Project

Developed a P10 LED display for real-time information on time, temperature, pressure, AQI, and PM2.5 levels near our college. ([GitHub repo](#))

EXTRA-CURRICULAR ACTIVITIES

- Developed skills in web/app development, cybersecurity, AI/ML, IoT, robotics, and CAD by participating in 25+ hackathons.
- Interested in particle and quantum physics; currently studying silicon chips and their role in the tech industry.

LEADERSHIP

- Founding member and current President/Research Admin of BYTE (Brain Yielding Technical Endeavors), a college society that has outperformed previous tech societies. Demonstrated leadership by organizing events, guiding research projects, and fostering a collaborative environment.
- Consistently led teams in over 25 hackathons, showcasing my team leadership skills and achieving notable successes.