

# Krishna Shrivastav

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## Summary

Currently pursuing my B.Tech in Computer Science and Engineering, I am on track to graduate in 2028. My academic journey is focused on gaining a robust understanding of computer science principles and their practical applications. Eager to apply my knowledge and skills in real-world scenarios, I am actively seeking opportunities to contribute to innovative projects and gain hands-on experience in the tech industry. I am particularly interested in developing my skills and expertise in [ software development, solving real world problem using IOT and technology etc,].

## Education

2023 - 2024	<div><div></div><div><b>Central Hindu School ,Gorakhpur</b> Intermediate • Science • Computer Science And Engineering Percentage - 85%</div></div>	
2024 - 2028	<div><div></div><div><b>KIPM College of Engineering &amp; Technology, Gorakhpur</b> Graduation • B.Tech/BE (Bachelor Of Technology/Bachelor Of Engineering)</div></div>	<div>• Artificial Intelligence</div>

## Certification

### Certificate of participation

[Certificate Link](#)

Participated in BizQuest of Provista’25, a management and business strategy event organised by Sankalp – The Management Society of Aryabhatta College, Delhi University (DU) and hosted on Unstop. The event involved solving real-world business challenges that required analytical reasoning, strategic thinking, and innovative problem-solving skills. Engaged in structured evaluation rounds that enhanced understanding of business planning, teamwork, and decision-making in a competitive environment.

### Latest Trends in IT Industry – Certificate of Participation DigiCoders Technologies Pvt. Ltd. | 2025

Gained insights into the latest advancements, tools, and innovations in the IT sector.  
Demonstrated strong understanding by securing 10/10 in the assessment.  
Improved industry awareness and technological adaptability

### TATA Crucible Quiz Participation (2025)

[Certificate Link](#)

Selected to participate in the TATA Crucible Campus Quiz 2025, a prestigious national-level business quiz organized by the Tata Group.

### Certificate of Excellence – Logic League (Top Performer)

[Certificate Link](#)

Recognized as a Top Performer in *Logic League – 3rd Week*, organized by Tech-A-Thon (The Computer Science Society of ARSD College) on the Unstop platform. Demonstrated strong logical reasoning, excellent problem-solving skills, and consistent performance throughout the competition.

## Skills

- C Programming Language
- HTML
- Management Skills
- Objectivity
- Python Scientific Libraries (NumPy, SciPy, Pandas)

## Projects

### 1.SwaDrive

[Project Link](#)

This is a platform where mechanics can repair vehicles that break down on the roadside, and if you need to get your vehicles serviced from the comfort of your home, you can do it through this.

### 2.PathSense

[Project Link](#)

*Developed a Smart Assistive Navigation Cane equipped with ultrasonic sensors to help visually impaired users detect and avoid obstacles in real time.*  
*Designed and implemented a GPS-based tracking system to enhance user safety and enable caregivers to monitor location accurately.*  
*Integrated haptic and audio feedback mechanisms to improve navigation for visually impaired individuals.*  
*Engineered a low-cost, user-friendly mobility aid combining obstacle detection and GPS tracking to improve independent movement.*

### 3.AirDraw

[Project Link](#)

Built Air Draw, a gesture-controlled drawing web app.  
Implemented real-time hand-gesture detection for actions like draw, color-change, and clear.

### 4.House Price Prediction

Developed a machine-learning-based house price prediction system that uses data preprocessing, feature engineering, and regression models to accurately forecast property values, allowing users to predict prices by entering key house details (e.g., area, rooms, location) using Python and scikit-learn.

## Achievements

### BizQuest – Provista’25

Achieved recognition for contributing innovative solutions during BizQuest – Provista’25, enhancing business analysis and strategic decision-making skills in a national-level management competition hosted by Aryabhatta College, Delhi University.

### Digi{Coders}

(In Top-5)Successfully completed the Latest Trends in IT Industry program by DigiCoders Technologies Pvt. Ltd. and achieved a perfect score of 10/10 in the assessment, showcasing excellent grasp of emerging technologies and IT trends.

### Rank 2 – CodeSummit 2.0 (Round 1)

Secured Rank 2 in Round 1 of CodeSummit 2.0 organized by D.Y. Patil RAIT, showcasing strong problem-solving and logical reasoning skills.

## Responsibility

### 1.Trinetra Technical Society

Sponsorship Team (Member)

### 2.NIFTEM–Kundli (National Institute of Food Technology Entrepreneurship and Management, Kundli)

Campus Student Ambassador

#### Campus Student Ambassador — Edesia 2026, NIFTEM-Kundli

- Represented Edesia 2026 as a campus ambassador, promoting event awareness and student engagement.
- Coordinated outreach activities, disseminated event information, and encouraged campus participation.
- Acted as a liaison between NIFTEM-Kundli organizers and students to streamline communication and maximize event visibility.

### 3.Indian Institute of Technology- E cell, Banaras Hindu University (IIT - BHU)

Campus Ambassador

Selected as a Campus Ambassador for E-Cell IIT (BHU) Varanasi, responsible for promoting entrepreneurship and innovation initiatives on campus. Actively involved in outreach, student engagement, event promotion, and building a strong entrepreneurial ecosystem by connecting students with national-level startup programs, workshops, and opportunities.