

# Tarun Srivastava

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## PROFESSIONAL SUMMARY:

I am a highly motivated and results-oriented B.Tech. student seeking an opportunity to apply expand my technical expertise and problem-solving abilities in a professional setting. I am eager to contribute to a dynamic organization and learn from experienced professionals while making a positive impact.

## ACADEMIC:

| YEAR | UNIVERSITY/BOARD | DEGREE                 |
|------|------------------|------------------------|
| 2026 | A.K.T.U.         | B.Tech.                |
| 2022 | C.B.S.E. Board   | Senior Secondary (PCM) |
| 2020 | C.B.S.E. Board   | Higher Secondary       |

## SKILLS SUMMARY:

| TECHNICAL SKILLS  | SOFT SKILLS                                  |
|---|--|
| Microsoft Office Suite  | Leadership ,Adaptability and Flexibility     |
| Languages : Python, C   | Interpersonal Skills: Empathy and Networking |
| Developer Tools : VS Code, Anaconda, GitHub, Py Charm                       | Problem-Solving And Critical Thinking.       |
| Data Structure, Num-py, Pandas, AI Prompting, HTML, CSS, Raspberry-Pi & IoT | Team Work And Collaboration                  |

## INTERNSHIP:

|   |  |                              |
|---|--|------------------------------|
| Virtual Intern Associate Web Developer  | Cod-Soft   | August 2023 – September 2023 |
| <ul style="list-style-type: none"><li>- Learning Tools and Technologies Gained Proficiency in HTML, CSS, JavaScript.</li><li>- Bug Fixing and Testing: Identify and fix bugs, and test web applications for proper functionality.</li></ul> |  |                              |
| Research Intern   | IIT Delhi  | 02 Dec 2024 – 28 Mar 2025.   |
| <ul style="list-style-type: none"><li>- To Understand The Basics Of <b>NEURAL NETWORK And NLP.</b></li><li>- Learn About The <b>SYMBOLIC EXECUTION And S.M.T &amp; S.A.T SOLVER.</b></li></ul>  |  |                              |
| Media Intern  | Kaavyom  | 31 Oct 2024 – 31 Jan 2025..  |
| <ul style="list-style-type: none"><li>- Handle The LinkedIn Page.</li><li>- Learned techniques to enhance audience engagement on LinkedIn.</li></ul>  |  |                              |
| Cyber Security Engineer (Intern)  | Centre for Development of Advanced Computing (CDAC), Noida | June 2025 – present          |
| <ul style="list-style-type: none"><li>- Working on the Zero Trust Network Access (ZTNA).</li><li>- Also working with the pfsense.</li></ul>   |  |                              |

## **WORKSHOPS /CONFERENCES /SEMINARS/HACKTHONS:**

- Attended a session entitled "Generative Ai" organized at Axis Colleges
- Completed the 50 hours workshop on "Machine Learning foundation course" from Electrocus Solution .
- Attended a 3-days workshop on "How Artificial Intelligence is used in Civil Engineering" at IIT Kanpur.
- Attended a 2-days online workshop on "The Cyber Security Seva".
- Completed the 20 hours workshop on "Machine Learning foundation course" from AWS Academy.
- Attended a two-day workshop on “Ethical Hacking” at IIT Kanpur.
- Attended a 10-days Winter School on “Formal Verification & Program Synthesis” at IIT Delhi
- Attended a 1-day Hackthon on “Prompt War” at H.B.T.U Kanpur.

## **CERTIFICATIONS:**

- ✓ Certification course on “**AI Used In Civil Engineering.**”
- ✓ Certification in “**Machine Learning Foundation Course.**”
- ✓ Certification in “**Neural Network and N.L.P.**”
- ✓ Certificate of participations in “**Gen AI Workshop**”
- ✓ Certificate of Participation in “**The Cyber Security Seva**”

## **PROJECTS:**

### ➤ **Smart Mirror Project**

- A smart mirror is an interactive display embedded in a mirror that provides real-time information and smart features.
- **Calendar & Reminders** – Display upcoming events.
- **Weather Updates** – Show current weather and forecasts.
- **News Feed** – Display headlines from selected sources.
- **Human Recognition** – Display Automatic On/Off .

### ➤ **Automatic Mopping Robot**

- An IoT-powered robotic system designed for autonomous floor cleaning.
- **Autonomous Navigation** – Uses sensors to map and move around rooms.
- **Smart Mopping** – Dispenses water and cleans floors efficiently
- **App Control** – Controlled via a mobile app or remote commands.
- **Multi-Surface Cleaning** – Adapts to tiles, wood, and carpets.