

# TARUN K.S

MYSURU, Karnataka, 570007 | 8095806767 | [tarunksks@gmail.com](mailto:tarunksks@gmail.com) [www.linkedin.com/in/tarunksmit](http://www.linkedin.com/in/tarunksmit)  
<https://github.com/tarunksks>

## EDUCATION

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<b>NXTWAVE DISRUPTIVE TECHNOLOGIES</b> Industry Ready Certification in Full-stack Development	<b>Aug 2023 - Ongoing</b>
<b>MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE</b> BE Computer Science And Engineering(Airtificial Intelligence) (8.3 CGPA)	<b>2022 - 2026</b>
<b>MARIMALLAPA PU COLLEGE, MYSORE</b> Intermediate_Other (84.89%)	<b>2021 - 2022</b>
<b>SAVITHRI CONVENT, MYSORE</b> Secondary School Of Certificate (76.85%)	<b>2010 - 2020</b>

## SKILLS

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**Frontend:** HTML, CSS, Bootstrap, JavaScript, React.js

**Backend:** Python, Express, Node.js

**Databases:** SQLite

**Other skills:** AI / ML, C, C++, Django / Flask, Git, Java, Microsoft Power BI, MongoDB, NumPy, Tableau Software

## PROJECTS

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### **Todos Application ([todolistbytarun.ccbp.tech](https://todolistbytarun.ccbp.tech))**

Developed persistent todo application with CRUD operations to track list of tasks

- Displayed list of todos with HTML list elements, styled todo list using CSS, Bootstrap
- Implemented todo crud operations by using JavaScript event listeners and updated UI dynamically by using JavaScript DOM operations.
- Used Arrays, Objects and their methods during todolist CRUD Operations, Persisted todo list state on page reloads using local storage methods.

**Technologies used:** HTML, CSS, JS, Bootstrap

### **Virtual Mouse Using Hand Gesture(<https://github.com/tarunksks/handgesturemouse>)**

Developed a hand gesture-based virtual mouse using MediaPipe, OpenCV, and PyAutoGUI.

- The project enables real-time cursor control through webcam tracking of hand landmarks, allowing users to perform actions like clicking and drag-and-drop using natural gestures.
- This innovative solution bridges traditional mouse input with touchless control mechanisms.

**Technologies:** HTML, CSS, JavaScript, Bootstrap, Python, PyTorch

## CERTIFICATES

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### **24 HOURS HACKATHON**

Participated in a 24-Hour Hackathon at Maharaja Institute of Technology, collaborating with a team to design and develop an innovative tech solution under time-bound conditions.

### **AI & DATA SCIENCE APPLICATION**

AI & Data Science Applications — TejasPro Trainings Completed hands-on training covering AI concepts, data science workflows, industry projects, and practical labs as part of an Industry Skilling Program.

