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**Objective** Motivated and passionate Computer Science Engineering student with a strong foundation in Python, Arduino, web development, and AI/ML. Seeking opportunities to enhance my skills and contribute to innovative projects in software development, embedded systems, and artificial intelligence.

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## Technical Skills

- **Programming Languages:** Python, C, HTML, CSS **Hardware & IoT:** Arduino, Raspberry Pi **AI/ML:** Machine Learning, Deep Learning
  - **Tools & Platforms:** Low-Code Development, Android Development, Web Development
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## Work Experience Low Code Developer Intern *Astrix Study*

- Developed an Android application under Astrix.
  - Worked on low-code platforms to create efficient applications.
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## Projects Arduino Projects:

- **EXBOSYS** – Fire Extinguishing System
- **BEMELO** – Smart Car
- Line Followers
- Clone Robots
- Servo Hand using Flex Sensor Control
- **SWAKAR** – Waste Management Toy

## Python & AI/ML Projects:

- **SNAPSENSE** – Utilized Raspberry Pi and VIT Transformer Model to assist visually impaired individuals in understanding their surroundings. **Scholify** – A predictive model that helps students assess their chances of getting into their desired organizations or job roles.
- **STEGO TOOL** – A secure communication tool that embeds and decodes hidden messages in JPEG/JPG images.

- **PATHX** - A lightweight Flask+OSMnx engine for computing shortest paths on interactive Folium maps.

### **Other Projects:**

- 250mm FPV Drone