

# Ashok Kumar

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## Career Objective

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Motivated and detail-oriented Computer Science student with a strong foundation in Web Development, AI/ML, and Cybersecurity. Eager to apply technical skills and creativity to real-world projects and contribute effectively in a collaborative team environment.

## Skills

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- **Programming Languages:** JavaScript, Python, C++
- **Web Development:** HTML, CSS, Bootstrap
- **Frameworks:** Django
- **Tools & Platforms:** GitHub, VS Code, Jupyter Notebook, Google Colab
- **Concepts:** AI/ML, Cryptography, Steganography, Responsive Design

## Projects

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- **Cyber Awareness Platform** *HTML, CSS, JavaScript*  
– Developed a platform to spread cyber safety awareness using interactive content and responsive design.
- **Fire Classification for Deforestation** *Python, Jupyter Notebook, AI/ML*  
– Analyzed satellite fire data and implemented ML models to detect deforestation-prone areas.
- **Secure Data Hiding in Images** *Python, Cryptography, Steganography*  
– Developed a GUI tool to securely hide and extract messages in images using encryption.
- **Plastic Waste Classification** *Python, CNN, AI/ML, Google Colab*  
– Trained a CNN model to classify plastic waste using image datasets and deep learning.
- **Restaurant Management System** *HTML, Bootstrap, Python, Django, SQLite*  
– Built a full-stack system for managing orders, menus, and staff data with Django.
- **Rock Paper Scissors Game** *JavaScript*  
– Created an interactive web game using core JavaScript functions and event handling.
- **Ricpe Website** *HTML, CSS*  
– Designed and developed a responsive front-end using Flexbox layout techniques.

## Certifications

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- Web Development Fundamentals *IBM Skills Build*
- Python *Softwizz Pvt. Ltd.*
- Artificial Intelligence and Data Analytics *Edunet Foundation (AICTE Internship)*
- Geo-data sharing and Cyber Security – *ISRO*
- Cybersecurity – *Edunet Foundation (AICTE Internship)*

## Education

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**B.Tech in Computer Science Engineering** *2022 – 2026*  
Jan Nayak Ch Devi Lal Memorial College of Engineering, Sirsa (Haryana)