

AYUSHMAN SINGH

ASPIRING SOFTWARE DEVELOPER

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ABOUT ME

I'm a motivated Computer Science undergraduate passionate about building AI/ML solutions and full-stack applications. Skilled in Python, C++, data structures & algorithms, and modern web technologies. Passionate about building real-world projects, solving problems, and creating innovative solutions.

PROJECTS

Driver Motion Detector (AI + Computer Vision)

• Developed a real-time drowsiness detection system using Python, OpenCV, and MediaPipe with automated alerts and safety protocols.

Inventory & Order Management System

• Developed a full-stack web application using React, Python, and MySQL for efficient inventory, order, and sales management.

Blog / Content Management System

• Built a dynamic Python- and MySQL-based platform for creating, editing, and publishing blogs with a modern web interface.

EDUCATION

Bachelor of Science in Computer Science

Noida Institute of Engineering and Technology
Expected Graduation: Aug 2026

High School

Harsh Chandra Inter College (2019)
Percentage - 78 %

Intermediate

Harsh Chandra Inter College (2021)
Percentage - 70 %

ACHIEVEMENTS

- Successfully developed and tested 2 real-time AI-based applications.
- Actively building a project portfolio on GitHub with Python and AI tools.

EXPERIENCE

Data Analytics Intern

YBI Foundation

Oct 2023 – Nov 2023

- Worked on data cleaning, analysis, and visualization using Python and Excel, gaining hands-on experience with EDA techniques.
- Certificate ID: UTS5XPV9NTK2Q

TECHNICAL SKILLS

Programming Languages

Python, C++, Java

Machine Learning / Deep Learning

scikit-learn, TensorFlow, Keras, PyTorch

Data Analysis & Visualization

Pandas, NumPy, Matplotlib, Seaborn

Web Development

HTML, CSS, JavaScript, Flask, REST APIs, React (learning)

Tools & Platforms

Git, GitHub, Jupyter Notebook, Google Colab, MySQL, Microsoft Excel

SOFT SKILLS

- Effective communication and teamwork
- Problem-solving and critical thinking
- Time management and adaptability
- Leadership and decision-making
- Creativity and attention to detail

CERTIFICATIONS

Python Basics (Coursera) – [View Coursera Certificate](#)

Java Programming Fundamentals – [Verify Certificate](#)

Covered OOP, encapsulation, inheritance, and DSA with hands-on Java programs.