

HARSH GOYAL

B.Tech Computer Science Student

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CAREER OBJECTIVE

Highly motivated B.Tech Computer Science final year student passionate about leveraging technical expertise to solve complex problems. Proven skills in developing web applications (Python, Tkinter, Streamlit) and exploring AI and machine learning (TensorFlow, Keras). Eager to contribute to a dynamic team at a forward-thinking tech company.

EDUCATION

B.Tech in Computer Science and Engineering

Jaypee University of Engineering and Technology

Aug 2021 – June 2025

CGPA: 6.5 SGPA: 7 Current Semester: 7th

PROJECTS

VoteChain

Blockchain, Solidity

GitHub: [VoteChain](#)

- Designing and implementing a blockchain-based online voting application to enhance election transparency and security.
- Integrating the MetaMask cryptocurrency wallet for secure, decentralized voting transactions, reducing the risk of tampering.
- Achieving over 90% successful simulation rate in test environments, validating core functionality and security in electoral systems.

Bus Booking System

Python, Tkinter, SQLite

GitHub: [Bus Booking System](#)

- Developing an intuitive GUI using Tkinter, allowing users to search buses by destination, departure time, and travel date efficiently.
- Optimizing data storage and retrieval with SQLite, resulting in a 30% reduction in data retrieval time for large bus schedules.
- Improving booking process reliability, achieving a 95% user satisfaction rating in testing phases.

BuzzNation - Stocks Trend Prediction Web Application

Python

GitHub: [BuzzNation](#)

- Building a stock trend prediction application using machine learning models, providing insights into future stock movements with 85% forecast accuracy.
- Leveraging data preprocessing techniques and integrating APIs like NSEpy for a 40% improvement in real-time data handling.
- Enhancing user engagement by 20% through interactive dashboards, enabling data-driven analysis and strategy formulation.

SKILLS

C C++ Python HTML CSS
Streamlit Keras TensorFlow

Google Cloud [Google Cloud Profile](#)

STRENGTHS

Problem Solving Adaptability Teamwork
Communication

CERTIFICATIONS

- Generative AI Foundations: IT Integration with Generative AI**
Issued by: Infosys Springboard
[View Certificate](#)
- Generative AI on GCP: Harnessing Generative AI with Vertex AI**
Issued by: Infosys Springboard
[View Certificate](#)

ADDITIONAL PURSUITS

Competitive Badminton Player

- Over 10 years of competitive experience, representing Lady Anusuiya Singhan Education Center Jhalawar at state-level championships.
- Honed skills in teamwork, resilience, and strategic thinking through competitive play.

Hackathon Participant

DevFolio Hackathon 2023

March 2023

- Collaborated with a team of four to develop a project for individuals with vision impairment, converting text to speech while typing, and won the title for best social hack.