

## SUKRITI SINGH

Machine Learning Enthusiast  
Bachelor Of Technology  
Pranveer Singh Institute Of Technology

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## OBJECTIVE

Aspiring computer science and engineering graduate with a strong technical skill set. Committed to creating innovative solutions, improving accessibility through technology, and contributing to dynamic teams.

## EDUCATION

### B.Tech. in Computer Science Engineering, CGPA: 7.7/10.0

Pranveer Singh Institute Of Technology

### Intermediate

Bishop Johnson School and College

## SKILLS

- **Programming Languages:** C, CPP, Java, Python, SQL
- **Software Packages:** TensorFlow, Keras, ResNet50, NumPy, Pandas, PyTorch
- **Soft Skills:** Communication, Leadership, Teamwork, Problem-Solving, Flexibility, Adaptability
- **Relevant Coursework:** Data Structures and Algorithms, Web Development, Machine Learning, Database Management Systems
- **Operating Systems:** Windows

## PROJECT

### Gesture Recognition for Differently – abled people (06/2023 – Ongoing)

- Developed a recognition system to achieve 95% accuracy in recognizing gestures to enhance accessibility and user experience.
- Spearheading Java for both Frontend and Backend development, ensuring a cohesive and efficient system for gesture recognition.

### Personalized Product Recommendations (Flipkart Grid 5.0) (08/2023 – 08/2023)

- Developed a personalized recommendation system, leading to a 15% increase in user engagement and a 12% rise in conversion rates.
- Optimized recommendation algorithms, resulting in a 25% reduction in system response time and improved user experience.

### Security Monitoring System and Intrusion Detection In Remote Farm Areas (11/2022 – 02/2023)

- Utilized GSM module technology to create an innovative security monitoring system, reducing false alarms by 25% through advanced AI algorithms.
- Enhanced system responsiveness, reducing the average response time to security alerts by 40%.

## EXPERIENCE

### Machine Learning Intern - Corizo

- Applied machine learning techniques to solve real-world problems, optimizing models and collaborating with a diverse team to drive impactful results

### Created Automated User Login Using Test Cafe for DeepThought

- Achieved 95% test coverage for login and reduced test execution time by 40% through code optimization and parallel testing.

## ACHIEVEMENTS

- TCS NQT – scored 99.49% in Programming
- Prefinalist at Flipkart Grid 5.0
- LinkedIn Skilled Assessment badge in Java, Python, OOP, MySQL and Machine Learning (Link)

## COURSES & CERTIFICATES

- Certificate Of Completion of Competitive Programming Course (Link)
- Certificate Of Completion Of Python Bootcamp (Link)
- Mathematics for Machine Learning - Imperial College London (Link)
- Computer Fundamentals - University Of Illinois (Link)