

DHARAMBIR SINGH SIDHU

Bathinda, India 151103

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SUMMARY

Software engineer with expertise in Python, Java, SQL, and data science. Proficient in machine learning and deep learning, with a strong foundation in Data Structures and Algorithms. Experienced in developing scalable applications and optimizing database performance. Committed to leveraging technology for impactful solutions.

EDUCATION

VIT Bhopal University, Bhopal, Madhya Pradesh

Bachelor of Technology (B.Tech) in Computer Science | Expected May 2026

GPA: 9.02/10

Delhi Public School, Bathinda, Punjab

Senior Secondary (Class 12) – CBSE | June 2022

Percentage: 95.20%

Euro International School, Uchiyada, Rajasthan

Secondary (Class 10) – CBSE | May 2020

Percentage: 93.80%

PROJECTS

Detecting Deception: Hybrid Deepfake Detection Model

- Developed a hybrid deepfake detection model integrating DenseNet121 CNN with entropy-based features, achieving 99.41% accuracy in classifying real and fake images.
- Demonstrates expertise in computer vision, deep learning, image preprocessing, feature extraction, and model optimization to enhance detection reliability.

MindCare: AI-Powered Mental Health Monitoring System

- Designed an AI-driven mental health monitoring system leveraging ML algorithms and DASS, BAI, BDI questionnaires to assess stress, anxiety, and depression.
 - Developed an interactive dashboard for real-time insights and personalized mental health recommendations. Showcases proficiency in healthcare AI, predictive analytics, and user-centric application development to support mental well-being.
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TECHNICAL SKILLS

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| • Python | • Data Science |
| • Java | • SQL |
| • Machine learning | • Statistics and probability |
| • Deep learning | |
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CERTIFICATIONS

- Cloud Computing (Elite Gold Certificate – Top 1%), NPTEL, (May 2024)
 - The Bits and Bytes of Computer Networking, Google Career Certificates – Coursera, (December 2023)
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ACHIEVEMENTS

- Ranked top 10 in CodeClash – IEEE TEMS, VIT Vellore
 - Achieved 21st rank in the intra-college chess competition, among 200+ participants
 - Active member of the Microsoft Club, VIT Bhopal
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HOBBIES AND ACTIVITIES

- Creating artworks, content creation, and graphic design
- Playing cricket and chess