



## Navjot Singh Talwandi

House no 231 Near Lakshmi Narayan Mandhir Air Force Station Halwara Punjab Pincode:141106

navjotsingh49900@gmail.com

<https://www.linkedin.com/in/navjot-singh-2535221bb/>

### PROFILE

Aspiring Data Scientist and Machine Learning Engineer with a passion for using technology to solve real-world problems. Currently pursuing BE in Computer Science and Engineering at Chandigarh University, with completed industry-relevant courses and certifications in data science, machine learning, and web development.

### LANGUAGES KNOWN

English| Hindi | Punjabi | Sanskrit

### TECHNICAL COMPETENCIES

PYTHON | C++ | DBMS | JAVA  
HTML | CSS | MACHINE LEARNING

### SKILLS

Leadership  
Management & Coordination  
Project Management  
Decision Making  
Creativity  
Active Listening

## EDUCATION

Bachelor in Computer Science and Engineering | Chandigarh University  
Session 2020-2024 | CGPA-8.95

Intermediate (CBSE)| K V NO 2 AFS Halwara, Punjab  
Session 2019-2020 | Percentage-80.6%

Matriculation (CBSE)| K V NO 2 AFS Halwara, Punjab  
Session 2018-2019 | Percentage-88.8%

## TRAINING AND INTERNSHIPS

IFORTIS WORLDWIDE   INTERNSHIP	July 2023
> Intern in Human Resources Associate(HRA)	
PERSISTENT SYSTEMS   MARTAIN SUMMER INTERNSHIP	June 2023
> Trained in DBMS and Python(Basic to Advanced)	
WIPRO TALENT NEXT   TRAINING	May 2023
> Trained in JAVA J2EE/Full Stack Development	
PANTECH SOLUTIONS   TRAINING	April 2023
> Master in Database Management System(DBMS)	
TECH-ANALOGY   INTERNSHIP and TRAINING	January 2023
> Intern in Sales and Marketing Operations	
WHITEHAT NASSCOM   TRAINING	October 2022
> Trained in Advanced Machine Learning and Artificial Intelligence	
BENCHMARK RESEARCH AND TECHNOLOGY  RESEARCHER	March 2022
> Intern as a Researcher	
PANTECH SOLUTIONS   TRAINING	January 2022
> Master in Advanced Machine Learning	
CHANDIGARH UNIVERSITY   WINTER TRAINING	November 2021
> Focused on advanced DATA SCIENCE	
CHANDIGARH UNIVERSITY   SUMMER TRAINING	April 2021
> Focused on advanced DBMS and Web Development	

## PROJECTS

Jarvis Voice Assitant | Python, Pygame, Machine Learning

- It is a voice-activated AI system typically created using Python and natural language processing, enabling users to interact with their devices through voice commands for tasks like setting reminders, answering questions, and controlling smart home devices.

Text to Speech Converter | Python3, OpenCV

- It converts written text into spoken language using pre-trained AI models and libraries, enabling the conversion of textual content into audible speech.

Flex Lens | Python3, OpenCV, TensorFlow, Deep Learning

- It leverages computer vision and deep learning to enable accurate and secure face recognition, finding applications in access control and identity verification.

Digital Dairy Blogging Website | HTML, CSS, JAVASCRIPT, PHP, SQL

- It offers users a platform to create, share, and manage their digital diary entries through a dynamic and interactive web interface and retrieval from an SQL database.

Hospital Management Website | HTML, CSS, JAVASCRIPT, PHP, SQL

- It serves as a comprehensive online platform for managing patient records, and appointments and facilitating efficient healthcare operations and organization.

Flappy Bird Game | Python, Pygame

- It is a simple yet addictive mobile game where players control a bird by tapping the screen to make it flap its wings and navigate through a series of pipes.

Tic Tae Toe with Emojis | Python, Machine Learning

- It is a delightful variation of the classic game, using Python and emojis to create a visually engaging experience. Players take turns marking the grid with emojis, aiming to form a winning sequence and adding a fun twist to the traditional game.

### **Age Gender Detector | Python, OpenCV, Machine Learning**

- Analyze a person's facial features and determine their estimated age and gender, providing a tool for various applications, from demographic analysis to personalized user experiences.

### **Wine Quality Prediction | Python, Machine Learning, Jupyter**

- It is a data-driven Model that uses machine learning, typically implemented in Python, to analyze various characteristics of wine and predict its quality based on features like acidity, alcohol content, and more.

### **Fake News Detection Model | Python, Machine Learning, Jupyter**

- It leverages linguistic and contextual analysis to assist in verifying the credibility of news content, helping users make more informed decisions about the information they consume.

### **Breast Cancer Wisconsin Diagnosis | Python, Machine Learning, Jupyter**

- It is a diagnostic tool that uses machine learning and data analysis to classify breast tumors as benign or malignant.

### **Heart Disease Prediction using ANN | Python, Machine Learning, Jupyter**

- A predictive model based on Artificial Neural Networks (ANN) that aims to forecast the likelihood of heart disease in individuals.

### **Rainfall Prediction | Python, Machine Learning, Jupyter**

- It is a data-driven system that utilizes historical weather data, machine learning, or statistical models to forecast and estimate future rainfall patterns and amounts in a specific region.

## **ACADEMIC ACHIEVEMENTS**

➤ Researcher of the Year 2023

➤ Qualified for Tekathon 23(Smart India Hackathon 2023) in Top 35 Teams

➤ Digital Forensics Tools Workshop 2023 by Chandigarh University

➤ Star Event on Cyber Security, Tech Invent 2021 by Chandigarh University

➤ International Conclave on Climate Change, Tech Invent 2021 by Chandigarh University

➤ 6 Times the Class Representative of the Class

## **CERTIFICATIONS AND AWARDS**

➤ Oracle Cloud Data Management 2023 Certified Foundations Associate

➤ Computer Vision for Engineering and Science course by MathWorks on Coursera

➤ Cybersecurity for Everyone University of Maryland University of Maryland

➤ NPTEL Gold Certification in Software Testing

➤ NPTEL Silver Certification in Computer Architecture And Organisation

➤ Crash Course on Python by Google

➤ Python Programming by the University of Michigan

➤ Python Data Structure by the University of Michigan

➤ Tools For Data Science by the IBM

➤ Science of Exercise by the University of Colorado

➤ Machine Learning from Basics to Advance by Udemy

➤ NoSQLDatabases Essentials by IBM

➤ Leadership Skills Certification by IIMA

➤ The Fundamental of Digital Marketing by Google Digital Garage

➤ Social Entrepreneurship and Effective Business Websites

➤ Grey Campus Certified Six Sigma Black Belt

➤ Email Marketing Basics to Advance Career Development College,London

➤ Chatbot or Smart Assistant Development by CISCO, NASSCOM

➤ Solutions Architect Virtual Experience by AWS, FORAGE

➤ Artificial Intelligence for all by Intel

➤ Android Bug Bounty Hunting and Ethical Hacking by Code red

➤ Incident Management System by WHO

➤ Bushfires:Response,Relief,Resilience by University of New Castle,Australia

## **EXTRA CURRICULAR AND CO-CURRICULAR ACHIEVEMENTS**

➤ I have done work on 30+ Publications research papers and Book chapters.

➤ 5 Days Face to Face Training on Disaster Management in MGSIPA under NIDM, Ministry of Home Affairs

➤ Organised and Managed Codechef, Leetcode and CodingNinjas Platform

➤ Scholarship from "Garrison and Bombay Engineer Group"

➤ Silver Medal in Science And Social Science Exhibition in 2020 at KV No 2 AFS Halwara

➤ Bronze Medal in kho-kho at K V No 2.CMM Jabalpur, Madhya Pradesh