



PUSHPINDER SINGH

Artificial Intelligence/Machine Learning Intern

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📍 GTB Nagar, Khanna, Punjab 141401

EDUCATION

- **B.Tech in Computer Science Engineering (8.59 CGPA)**
B.B.S.B.E.C, FATEHGARH SAHIB, Punjab.
- **10+2(Non-medical) with 90% percent** from Atam Manohar Jain Modern Sen. Sec. School affiliated to PSEB, scored 91 marks in Physics.
- **10th with 91% percent** from Narotam Vidiya Mandir School affiliated to PSEB.

SKILLS & CERTIFICATES

- **Programming Languages:** Python, Java, C++, HTML, CSS.
- **Dev Tools:** Google Collab, Hugging face, Glitch, VS Code, PyCharm.
- **Artificial Intelligence, Machine learning, Deep learning, NLP, Flask, SQL**
- **Certificate** in clearing online tests in Python 3.4.3, Java, C++
- **Certificate of appreciation/participation** in Robomania, Heckfest & Robo wars from multiple colleges

HOBBIES & INTEREST

Karate – State Level Championship
(2 times Gold Medalist)

LANGUAGE

- English : Moderate Skills
- Hindi : Fluent
- Punjabi : Fluent

OBJECTIVE

Motivated and detail-oriented Computer Science graduate with a solid foundation in Artificial Intelligence and Machine Learning. Seeking an entry-level position in AI/ML to apply my knowledge in real-world projects, contribute to innovative solutions, and continue growing as a data-driven problem solver.

PROJECTS

Artificial Intelligence/ Machine Learning/ Deep Learning

- **Agrovision. (AI/ML)** – AI/ML tool designed to assist farmers (Crop recommendation, Plant disease prediction, Chatbot).
- **TextileVision (AI/ML)** – AI based tool used to predict the loom speed, mixing ratio of fabrics used in textile industry. (ongoing)
- **Friday AI 2.0 (AI/ML)** – A smart voice assistant which performs several tasks like opening any desktop app, answering questions, Calling and messaging.
- **Iris Flower prediction. (ML, DL)** – Predicts the species (either Iris Setosa or Iris Verginica or Iris Versicolor of flower based on the parameters like sepal length, sepal width, petal length and petal width.
- **Diabetes prediction. (ML)** – A Machine learning model which predicts the person has diabetes or not based on the body parameters of the person like insulin level, Blood pressure etc.
- **Mnist Fashion prediction (DL)** – A Deep Learning model used for predicting the fashion style.
- **Diamond price prediction. (ML)** – A Machine learning model used for predicting the price of the diamond based on certain features of Diamond like its cut, clarity etc.
- **Home energy monitor (IoT)** –IoT based project used to monitors energy consumption using sensors.

Computer Vision

- **Object detection (Computer vision)** – A computer vision-based model used for detecting the objects in the given picture frame.
- **Face detection (Computer vision)** – A computer vision-based model used to detect the human faces in the given picture.
- **Face recognition (Computer vision)** – A computer vision-based project used for recognizing the face of human in the given picture.
- **Face recognition-based attendance system** – a project for recording the attendance by recognizing the face of student/employee with timestamp.

TRAININGS & INTERNSHIPS

- Onsite training at **National Institute of Electronics and Information Technology (NIELIT)**
– January 2025 – June 2025
Technologies learned – Artificial intelligence, Machine learning, Deep learning and implemented in creating a project named **Agrovision** assisting smart farming.
- Onsite training at **Solitaire Infosys, Mohali**
– July 2023 – August 2023
Technologies learned – Android development using Java and implemented in creating a **News Application APP**, which shows up the latest news.