Satvik Bhardwaj

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To achieve excellence in Artificial intelligence & machine learning and other ML related fields. To provide services to the organization, at my best level through sheer dedication and hard work.

PROFILE SUMMARY

- Skilled in Machine learning , Deep learning , Python programming.
- Consistently recognized as a **top performer throughout career**.
- A motivated **team player** with exemplary communication, analytical, logical and interpersonal skills.

CORE COMPETENCIES

Machine learning	Deep learning	Python programming

INTERNSHIP EXPERIENCE

01 July 2023– 31 August 2024 with DRDO(INMAS LAB)

Developed a Python-based standalone application for managing CBRN training sessions, featuring comprehensive record management, data analysis with visualizations, and support for storing book records, faculty data, and generating training schedules tech stack that is being used is Python PYQT library or SQLite database for database connectivity.

July 2024 – August 2024 IBM SkillBuild AI Internship (IBM)

In this virtual internship I learn how to develop chatbots using IBM watsonx assistant on IBM cloud platform and learn various things about Artificial intelligence.

December 2023 – January 2024 with Bharat Intern (Bharat intern certificate)

Developed machine learning models using Python and scikit-learn: one for predicting movie genres from plot summaries, another for predicting customer churn in subscription services, and a third for detecting fraudulent credit card transactions.

October 2023 – November 2023 with CodeSoft (CodeSoft Certificate)

Developed machine learning models using Python, scikit-learn, and TensorFlow: one for predicting house prices and another for classifying iris flowers based on their features.

July 2023 – August 2023 Summer Industrial Training by IBM (IBM)

Completed a full stack development course powered by IBM. Developed a website similar to Amazon for comparing various smartphone models, utilizing HTML, CSS, JavaScript, Node.js, Express.js, and MongoDB.

- Scored 9.34 SGPA in my last semester(5th)
- Scored overall 8.97 SGPA till now (6th semester)
- Currently Assigned as Vice President of **Entrepreneurship cell (E-CELL) of VIPS-TC** .
- Got First position in an Ideathon event organized by Nascomm foundation (Certificate).
- Completed a course on **CYBER SECURITY – WEB HACKING** by IIT Kanpur (Certificate).
- I also completed a full stack development course from Udemy (Certificate)
- Hosted 2 Startup ideas pitching competitions in VIPS-TC in APRIL 2023 & February 2024.

ACADEMIC DETAILS

COURSE	NAME OF INSTITUTION	Year of Passing
B-TECH (Artificial intelligence & machine learning)	Vivekananda Institute of Professional Studies – Technical campus affiliated by Guru Gobind Singh Indraprastha University.	2025
Higher Secondary	Queen Global International School, New Delhi.	2021
Secondary	Siddharth international public School, New Delhi.	2019

SKILLS

- **Python Programming**
- **Machine Learning**
- **Deep Learning**
- **Software development**
- **PYQT(python framework)**
- **HTML**
- **CSS**
- **JS**
- **FLASK(python framework)**
- **MS Office**

PROJECTS

- **Automatic Attendance system using face recognition :-** The project is an automatic attendance system for colleges and schools that uses facial recognition with neural networks, the OpenCV library, and Flask. It marks attendance for students and faculty while providing interconnected webpages for college information (Project report)

- **Image Segmentation pipeline:-** This project is developed for image segmentation and to analyse , identify and store the objects within a image and display the outputs in a summary table by mapping the data such as object id , object description ,text present , summary of extracted text in a table format(GitHub)

- **Book recommendation system using machine learning :-** this project I use TF-IDF algorithm to recommend Books to user based on category that user selects along with a user interface (GitHub)

- **Campus Placement predictor:-** In this project a campus placement predictor is made using machine learning models like logistic regression, random forest and gradient boosting to predict weather a student is placed or not (GitHub)

- **E-Commerce Website - Phone-Finder** *:-*In this project a clone of amazon shopping platform is made using HTML,CSS,JS,NODE,EXPRESS & MongoDB (project report)

- **Price negotiator chatbot:-** In this project a price negotiator chatbot is made using python and has a basic user interface using HTML, CSS, JS (GitHub)

RESEARCH WORK

- Comparative Study of Sentiment Analysis :- comparison of different traditional ml model(random forest, linear regression, Support vector machines etc) with transformer model (like Roberta , BERT or GPT model) on textual dataset of Amazon food reviews.

- An Investigation on exploring the resume screening process through the lens of various Machine Learning Models in this research work I use various machine learning models for resume screening process and find that which model gives best accuracy and is suitable for resume screening process.

- Beyond Pixels and Words: Exploring Generative Power in GANs, Autoencoders, and GPT Models - A Review (ongoing research work)

PERSONAL DETAILS

Date of Birth: 17/ 08 / 2003

Father's Name: Mr. Ajay Bhardwaj

Mother's Name: Smt. Poonam Bhardwaj

Languages known: English, Hindi

DECLARATION

I, Satvik Bhardwaj, hereby declare that all the details provided above are true to the best of my knowledge.

(Signature of the Candidate)