

Charu Saini

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EDUCATION

Chandigarh group of college

B.Tech in AI&ML

CGPA: 8.76

Jhanjeri Mohali, Punjab

2021- 2025

Kendriya Vidyalaya ITBP Bhanu

Intermediate

Percentage: 95.2%

Panchkula, Haryana

2020-2021

Akal Academy Ajitsar Ratia

Matriculation

Percentage: 93.8%

Fatehabad, Haryana

2018-2019

PROFILE SUMMARY

Enthusiastic and detail-oriented B.Tech student in Artificial Intelligence and Machine Learning with internship experience in Data Science. Skilled in data analytics, machine learning, and Statistical modelling, with a passion for applying AI/ML techniques to deliver data-driven solutions and continuously learning emerging technologies in the field.

INTERNSHIPS

Data Analyst Intern at eNest Technologies Pvt. Ltd

April 2025-Present

- Gained hands-on experience with advanced deep learning architectures, including **Transformers**, **Vision Transformers (ViT)**, **Variational Autoencoders (VAE)**, and **Generative Adversarial Networks (GANs)** and statistical methods for predictive analytics and model evaluation.
- Explored applications in **medical imaging**, focusing on DICOM and NIfTI data handling, preprocessing, and feature extraction for healthcare-related AI solutions.

Data Science Intern at Solitaire Infosys Pvt. Ltd

Jan 2025-Mar 2025

- Developed and implemented machine learning and deep learning models for predictive analysis.

Data Analyst Intern at NullClass Edtech. Pvt. Ltd

April 2023-May 2023

- Developed and implemented machine learning models for predictive analysis.

EXPERIENCE

Freelance IT Trainer at Samyak Infotech, Panchkula

June 2024 – Jan 2025

Responsibilities: Delivered structured courses on **Data Science and Machine Learning**. Delivered training on Python fundamentals, statistical methods for machine learning and deep learning models, enabling learners to build a strong foundation in AI/ML

PROJECTS

House price prediction

May2025-June2025

Tools: Pandas, Matplotlib, Statistics Test, Machine Learning

Developed a machine learning model using **Linear Regression** to predict house prices. Applied statistical methods including **t-test**, **ANOVA**, **correlation analysis**, and **VIF** to evaluate feature significance and multicollinearity.

Resume Screening System

Aug 2024 - Dec 2024

Tools: Python, Machine Learning, Streamlit, NLP

Developed a **resume screening application** that analyzes uploaded PDF resumes to extract key skills. Implemented a **Random Forest classifier** to predict relevant roles based on text features and skill indicators. Designed **Streamlit GUI** to allow users to upload resumes, view extracted skills, and receive suggested job positions.

Spam Email Detection

June 2024 - July 2024

Tools: Pandas, Sklearn ,NLP, Machine Learning

It is ML predicting model which is supervised. It predicts the about the email whether they are spam or ham. I have used **Naïve Bayes algorithm** and **NLP** techniques for the preprocessing.

ACHEIVEMENTS

- Top 7 finalist** in Indian karting race.
- Grand finalist** in Smart India Hackthon (AICTE) all over India.
- Secured 1st position** for the project display showcasing Kart project on Engineers' Day.

SKILLS

Python, Machine Learning (Supervised and unsupervised), Deep Learning, Medical Imaging processing, Transformer, Vision transformer, Variational AutoEncoder, GAN