Charu Saini

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EDUCATION

Chandigarh group of college	**Jhanjeri Mohali, Punjab**
B.Tech in AI&ML	2021- 2025
CGPA: 8.76	

Kendriya Vidyalaya ITBP Bhanu	**Panchkula, Haryana**
Intermediate	2020-2021
Percentage: 95.2%	

Akal Academy Ajitsar Ratia	**Fatehabad, Haryana**
Matriculation	2018-2019
Percentage: 93.8%	

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 Edtect. 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