

Chandan Chaudhary

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SUMMARY

Computer Science graduate specializing in Software Engineering and Machine Learning. Experienced in developing automated data pipelines and implementing predictive models to solve complex problems. Proficient in Python, C++, and MySQL with a solid foundation in Data Structures and Algorithms.

EDUCATION

Aryabhatta College, University of Delhi Nov. 2022 – May 2026
Bachelor of Science (Honors) Computer Science Delhi, India

- Relevant Coursework:** Data Structures & Algorithms (DSA), OOPS, DBMS, Operating Systems, Software Engineering, Machine Learning, Artificial Intelligence.

EXPERIENCE

Axcentra Nov. 2025 – Dec. 2025
Machine Learning & AI Intern Remote

- Worked on hands-on **ML projects** using **Python** and **Scikit-Learn** for comprehensive **data preprocessing**.
- Gained practical experience in **model training**, **evaluation metrics**, and **deployment fundamentals**.
- Implemented **data cleaning** and **feature scaling** techniques to optimize **model accuracy** on diverse datasets.

SOFTWARE & RESEARCH PROJECTS

Machine Learning Based Prediction of Software Bug Fix Time *Python, Scikit-Learn* Aug. 2025 – Apr. 2026

- Processed **~20,000** real-world bug reports and engineered **NLP, temporal, and structured metadata features** for predictive modeling.
- Designed an **end-to-end machine learning pipeline** for predicting software bug fix time from issue-tracking data.
- Engineered an **XGBoost ensemble** solution that achieved **86% classification accuracy**, with an **F1-score of 0.83 and ROC-AUC of 0.91**, demonstrating strong predictive performance and class balance.

Google Play Store Performance Engine *Python, Seaborn, Matplotlib* **Project Link**

- Developed scripts to standardize **10,000+ app records** and visualized correlations to drive **product insights**.
- Automated **data cleaning** to resolve missing values and inconsistent formatting across app categories.

TECHNICAL SKILLS

Languages : Python, MySQL, PostgreSQL, C++, HTML5, CSS3

Frameworks/Libraries : Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, Flask/Django

Developer Tools : Git, GitHub, VS Code, Linux/Unix Shell

Core Competencies : Exploratory Data Analysis (EDA), Feature Engineering, Database Design, Model Training & Evaluation

CERTIFICATIONS

Career Essentials in Data Analysis Microsoft & LinkedIn (2024)
100 Days of Code: The Complete Python Pro Bootcamp Udemy (2024)