

Dhruv Chandra

Data Engineer

Experienced in Software Engineering with a focus on developing high-performance applications using Python and .Net.

Acquired data engineering skills through academic and project experience, such as managing databases, building data pipelines, and employing BI techniques.

Seeking a data engineer position to apply my technical knowledge and analytical skills to support data-driven decision making and business growth.

Website: <https://dhruv-chandra.github.io/profile>

WORK EXPERIENCE

Software Engineer

Coforge, Noida

September 2021 - PRESENT

- Developed multiple applications in .Net and PowerApps (“CodeViewer”, “VersionController”, “MailMergeApp”), now actively used by several teams in the company and their clients, to enhance operational efficiency and boost productivity.
- Additionally, I've been instrumental in the development and quality assurance of the client software, particularly for the Commercial and Business Insurance clients.
 - This involved diagnosing and rectifying software bugs and creating procedural documentation to facilitate team efficiency, mainly QA and UAT testing processes.
- Also completed, before time, the alignment concerns during app theme transformation.
- Using SQL and Data Analysis, fixed several premium discrepancies found in the production policies.

Graduate Engineer Trainee

Coforge, Noida

April 2021 – August 2021

- Completed several Python and SQL trainings provided at our bootcamp, and a few Data Engineering trainings at the company's online courses portal.

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[Dhruv Chandra](#)



[Dhruv-Chandra](#)

SKILLS

C#, .Net Programming.

Python (NumPy, SciPy, Pandas, Scikit-learn, Flask).

SQL

Data Cleaning, Exploration & Visualization, Feature Selection/Extraction, Hyperparameter Tuning.

Outlier/Anomaly handling, Data imputation, Cross Validation.

Machine Learning (Classification, Regression, Ensemble Techniques).

Unsupervised Learning - Clustering (K-Means)

NLP - Natural Language Processing.

Deep Learning - Keras.

AWS - Sagemaker, S3, Model

QA Intern

Monster India, Noida

Feb 2021 - April 2021

- Oversaw the enhancement of search relevancy and optimization for the updated v4 recruiter platform.
- Reported several search relevance issues in v4 and on the then current v3 production website.
- Presented a weekly summarized report to the company's top executives, including the CEO and board members, updating on the progress of the v4 website.

Machine Learning intern

UNIVO EdTech, Noida

Feb 2020 - Sep 2020

- Created and implemented several ML models, currently hosted on the **Amity Future Academy**, to predict students at risk of dropping out and/or failing the course.

EDUCATION

Amity University, Noida

B. Tech in CSE (July 2017 - June 2021). 7.22 CGPA

PROJECTS

- **Face-Emotion-Detection**
 - Engaged in a Kaggle competition focused on emotion detection from facial pictures.
 - Achieved a top accuracy score of 0.79.
 - Enhanced model training by applying data augmentation techniques on the training dataset.
 - Developed a Python script for on-the-fly emotion recognition.
 - GitHub: [Dhruv-Chandra/Face-Emotion-Detection](#)
- **Big Mart Sales — Analytics Vidhya Hackathon**
 - Forecasted individual product sales at specific locations.
 - Achieved the lowest RMSE of 1170.99 among all regression models, a reduction from an initial 1367.855.
 - GitHub: [Dhruv-Chandra/Big-Mart-Sales](#)
- **Black Friday Sales — Analytics Vidhya Hackathon**
 - Forecasted sales for Black Friday events in the US.

Monitoring, Clarify.

CERTIFICATIONS

Microsoft Azure
Fundamentals (AZ - 900).

AWS Partner: Machine
Learning on
AWS(Technical)(Classroom).

Data Science (Amity Future
Academy).

Deep Learning (Amity Future
Academy).

Foundation of Machine
Learning - Julia
(JuliaAcademy).

Python Quiz Series - 1, 2
(HKBK College of
Engineering).

Python Basic (HackerRank).

- Utilized Random Forest Regression with various hyperparameter adjustments.
- Achieved the lowest RMSE of 3199.96 among all tested models.
- GitHub: [Dhruv-Chandra/Black-Friday](#)

- **Titanic Survival Prediction — Kaggle Competition**

- Conducted Exploratory Data Analysis (EDA) and constructed models to forecast survival patterns.
- Developed various classification algorithms such as k-NN, Decision Trees, Random Forest, SVC, and Bagging Classifier.
- Achieved a top accuracy score of 0.8249.
- GitHub: [Dhruv-Chandra/Titanic](#)

- **Heart Patients**

- Forecasting Trends in Chronic Heart Disease.
- Achieved a peak accuracy of 89.86%.
- Constructed various classification algorithms such as k-NN, Decision Trees, Random Forest, and Stacking Classifier.
- GitHub: [Dhruv-Chandra/Heart-Patients](#)

- **Click-Rate Prediction**

- Attended Job-a-Thon in August 2022 organized by Analytics Vidhya.
- Forecasted user interest by analyzing the number of website clicks.
- Achieved a ranking of 398 out of 8,000 participants.
- Top R2 score achieved: 0.429.

- **Loan Prediction**

- Predictive model for determining loan approvals for prospective applicants.
- Evaluated historical loan applicant data to forecast potential default risks.

- **Mexico Covid Cases Severity Analysis**

- Examined approximately 1 million data points for trends.
- Developed a forecasting model to predict the severity of future COVID patients based on their medical records.
- This initiative can help in early identification of potential severity in patients, ensuring they receive timely and adequate medical care.