

Anmol Deep

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EDUCATION

IIT GUWAHATI

B. TECH. IN MECH. ENGG.
MINOR IN PRODUCT DESIGN
2016-20

HELLENS SCHOOL

10+2, CBSE
2014-16, Sitamarhi
93.2%

D.M.P. SCHOOL

10, CBSE
2013-14, Patna
10 CGPA

LINKS

Github:// [adsk2050](#)
LinkedIn:// [anmoldeep1](#)

COURSEWORK

UNDERGRADUATE

Operations research
Product planning & strategy
Product design
Design management
Data structure lab w/OOP
Artificial intelligence

MOOC

Natural Language Processing
Recommender systems
TensorFlow
Deep learning, FSDL
Machine learning
Qualitative Research

SKILLS

Data Science

PyTorch • spacy • huggingface •
deeppocdetection • TensorFlow •
OpenCV • Pandas • PySpark SQL • MILib
• MLFlow • Azure • AWS • Databricks •
Excel

Programming Languages

Python • Scala* • JS*

Data Mining

Scrapy • Selenium • XPATH

Web Development

Django • Bootstrap • HTML • CSS •
React* • Git • Bash (Linux)

EXPERIENCE

NLP ENGINEER | INSURANCE SAMADHAN

Sep 2023 - Present | Delhi NCR

- Set up NER pipelines, Research KIE, Table Extraction, Layout Detection models.
- Refactor existing rule based system, Set up data analytics, ETL pipelines.
- Set up labeling interface for Layout model training data generation.

SENIOR ASSOCIATE | IPAC

Sep 2022 - Aug 2023 | Bihar

- Led analytics of PK Connect app (100k downloads).
- Provided data and analytics support in four marketing campaigns.
- Used OpenCV, tesseract-ocr, sciPy to extract and post-process Hindi text.
- Performed extensive data mining.
- Interviewed 500 people, Drafted AC/PC reports.
- Devised a novel approach for Caste composition calculation.

DATA SCIENTIST | TATA DIGITAL

Aug 2020 - Sep 2022 | Mumbai/WFH

- Collaborative filtering recommendations for electronic products.
- Similar fashion product recommendation and complete the look using Computer Vision(AI) and ANN search.
- Personalizing customer journey on TataNeu.
- Top performer. Promoted after one year.
- Recommender to suggest fashion products to buy next.
- Analytics pipeline for TataCliq - RFM, Churn & CLTV prediction.
- Built tool to demo recommendation models, increased efficiency by automation.
- Set up and deployed image labelling (annotation) platform.

WEB DEVELOPMENT INTERN | MECHANICAL DEPARTMENT, IITG

May 2019 - July 2019 | Guwahati

- Developed the website of Mechanical department. [\[visit\]](#)
- Used Wagtail framework for backend, Bootstrap for frontend.

PROJECTS

PERSONALIZED RECOMMENDATIONS AT SCALE | Co:RISE

July 2022 | Co:Rise

- Implemented two tower model for Candidate generation using tfidf and a multi task ranking model for Re-Ranking.
- Built a contextual multi armed bandit model with epsilon-greedy policy.

POSITIONS OF RESPONSIBILITY

SENATOR | STUDENTS' GYMKHANA COUNCIL (S.G.C.)

April 2018 - March 2019 | IITG

- Worked on Maintenance, Mess management, Council finance.

ACHIEVEMENTS

2016	2910 (GEN)	JEE Advanced qualified.
2016	State merit list	Physics and Chemistry Olympiad.