


 anshul.20@st.niituniversity.in

 anshul.yadav

 anshulofficial

 +91 6376988221

ANSHUL YADAV

SOFTWARE ENGINEER

I am a software engineer with a passion for building scalable and efficient solutions. Proficient in multiple programming languages and frameworks, adept at collaborating in cross-functional teams to deliver high-quality software products. Committed to continuous learning and staying updated with the latest industry

EDUCATION

B.E in Electronics and Communications

NIIT University Neemrana

- Major Robotics
- CGPA 7.60

Dec'21 - Nov'25

NH 8, Delhi - Jaipur Expy, Neemrana

Senior Secondary Education (10 and 12)

Mounnt Litera Zee School, Alwar

- 10th CGPA 9.60 • 12thCGPA 8.60

Sept'17 - Nov'19

Mounnt Litera Zee School, Alwar

KEY SKILLS

Rest API

C++ Java

Python

Testing &
Debugging

Linux SQL

React JS

DBMS

CI/CD
GitLab

Ajile
Methodology

Microservice

DSA

GOLang

Neural
Networks

Git

Docker

Trouble
shooting

WORK EXPERIENCE

Machine Learning Engineer Intern at Uplers

May'22 - Sept'22

Ahmedabad, India(Remote)

- Worked as ML Engineer at Uplers for developing and training new ML models.
- Tech worked on Kibana, AWS EC2, S3, GANs, pix2pix, PyTorch, Tensorflow, CV, MongoDB.
- Working on several projects such as Video Analytics Framework, Document information extraction, Automatic Information Extraction From Shipping Labels, Question Answering System, Food search using AI, Image Search.
- Reduced 70% of manual labour for a worldwide automotive leader by developing models for table information detection/extraction and automatic key-value pairs extraction.
- Improved the conversion rate from user search to actual order by 40% for a digital ordering startup based in California.
- The model was implemented using the deep ranking technique with more than 60% recall across all categories.

Trainee ML Engineer Intern at Siron Labs

Sept'22 - Feb'23

Kerala, India(Remote)

- Worked on several projects such as Exploratory Data Analysis, Line Chart Knowledge Extraction, Wrote library to randomly generate chart data with object detection and Resume ranking system.
- Tech worked on ML Modelssuch as Matplotlib, CV, Pipelines, Kubernetes, Docker, GraphQL, GANs.
- Transformer-based Model that extracts all the relevant information in the resume like a person's education, company and personal details, and uses this information to find similarities and ranks them based on the job description. We were able to achieve an accuracy of 88%.

Projects:

Predictive Maintenance using Pytorch

- It is a Deep Learning applied to condition-based monitoring of a complex hydraulic system using ML Model LSTM and also based on Multi-task Condition Based System which monitors faluts.
- Worked on Predictive MOdelling, Training model.

ML Fraud Transaction and Detection System

- A data science project to predict whether a transaction is a fraud or not.
- Fully developed trained model to detect the fraud transaction using ML Models and several techniques to build the model.
- The steps involved Data Description, Data Filtering, Exploratory Data Analysis, Data Preparation, Feature Selection, Machine Learning Modeling, Hypermeter Tuning, Model Deployment.
- Tech involved Python, Machine Learning Models.

PyTorch Transformer for RUL Prediction

- An implementation with a Transformer encoder and convolution layers with PyTorch for remaining useful life prediction.
- I build an LSTM network in order to predict the remaining useful life (or time to failure) of aircraft engines.
- Tech involved Python, numpy, scipy, matplotlib, spyder, scikit-learn.
- It reduces dthe human error by 45% in prediction from the analysis

Achivements:

- Delegate speaker at 10+ events and conferences.
- Created Websites and Android and iOS Applications(for learning purposes).
- Open Source contributor at Girl Script and Nblik.
- Won 7+ Inter-University Hackathons.
- Google Developer Lead 2022-2023.
- Got AIR - 4729 in JEE ADVANCE and - 97.98 Percentile in JEE MAINS.
- Part of several clubs and clubs activities at inter-college competitions.