SANJAY NEELARAPU

SKILLS

Data Structures · EDA · Git · Java ·
Jenkins · MATLAB · MatplotLib ·
Microsoft Power BI · Pandas · Python ·
PyTorch · Scikit-Learn · Seaborn ·
Tableau · TestNG · Machine Learning ·
SQL - NoSQL Databases · AWS · GCP ·
Docker · RESTful API's · Postman

EDUCATION

Bachelor of Technology - Computer Science and Engineering

Lovely Professional University

08/2021 - 06/2025   Punjab, India

Intermediate - PCM

Narayana Junior College

08/2018 - 05/2020   Telangana, India

CERTIFICATION

Problem Solving - HackerRank

Python, Java Intermediate - HackerRank

INTERESTS

◈ Coding

◈ Study Of Cryptography

Aspiring Software Developer

@ sanjayneelarapu14@gmail.com

🔗 linkedin.com/in/sanjay-neelarapu-7a9622222/   📍 India

SUMMARY

I am an aspiring software developer passionate about leveraging my skills in Java and Python to build impactful solutions. With experience in software development, machine learning, and data analysis, I thrive on solving complex problems and improving software quality. My commitment to continuous learning helps me stay current with emerging technologies and contribute effectively to innovative projects.

EXPERIENCE

SDET Intern   01/2025 - 07/2025

Reltio   Banglore, India

Company that focuses on data management and data-driven solutions

- Automated end-to-end software testing using TestNG, enhancing software quality.
- Increased test case automation coverage from 25% to 90%, enabling early detection of regressions and reducing release risks.
- Managed CI/CD pipelines via Jenkins, ensuring smooth weekly releases.
- Verified pull requests, maintained code integrity, and collaborated on deployments.
- Adapted quickly to new technologies, implementing them into existing test strategies when applicable.

Freelancer   01/2024 - 11/2024

Chegg   Remote

An educational technology company that provides textbook solutions and tutoring

- Provided academic support in Computer Science fundamentals to global students.
- Delivered clear explanations, solved complex problems, and facilitated learning.

PROJECTS

Loan Approval Prediction

A project aimed at predicting loan approvals utilizing machine learning models

- Built predictive models to forecast loan approvals using Python and ML techniques
- Attained accuracy of 92% which helps in lowering risks of loan default to banks.
- Visualized data insights with Tableau for better decision-making

Airlines Delay Causes Analysis

Analyzed airline delays by investigating flight and weather data

- Conducted detailed EDA on airline delay datasets using Python (Pandas, Matplotlib, Seaborn) to identify key factors influencing flight delays, such as weather conditions, carrier performance, and airport traffic.
- Cleaned and transformed large datasets (100K+ rows), handling missing values, outliers, and feature engineering to enable meaningful visualizations and statistical insights.

KEY ACHIEVEMENTS

🧠 **Coding Challenges**
Solved 300+ coding problems on LeetCode and HackerRank

🏆 **Academic Excellence**
Ranked among Dean's Top 10% students for academic and extracurricular achievements

⭐ **Coding Streak**
Earned the '100+ Days Coding Streak' badge in 2024 on LeetCode

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