Anand Shekhar

Data Analyst

Experienced in working with Python, Flask, Pyside2 and MySQL. Proficiency in Exploratory Data Analysis, business-analytics, building and testing statistical models, database management, predictive analysis , keen in learning and applying deep learning algorithms.

shekharanand1995@gmail.com

+918948313390

Noida, IN

linkedin.com/in/anand-shekhar-a47a60119

github.com/anandshekhr

EDUCATION

Master of Technology (ME)
Harcourt Butler Technical University

07/2017 - 07/2019 *Kanpur,IN*

Bachelor of Technology (ME)
Babasaheb Bhimrao Ambedkar University

09/2013 - 05/2017 *Lucknow, IN*

Intermediate & High School
BCM Senior Secondary School

04/1998 - 03/2013 *Ludhiana, IN*

WORK EXPERIENCE

Project Engineer
IIT Kanpur

11/2019 - 05/2022 *Kanpur, IN*

Achievements/Tasks

- Production Schedule Generation for Railway Coach Manufacturing Factory using virtual environment simulations in Python.
- Data acquisition and data analysis on real-time factory data.
- Predictive analysis on various sensors data to predict the machine breakdown.
- Shop-floor monitoring application development for manufacturing factory using OPCUA in LabVIEW.
- Overall management of the project and day to day reporting to PI.

CERTIFICATES

Python by IBM, IIT Roorkee

LabVIEW core 1,2 training by National Instruments

Machine Learning by IBM

SKILLS

LabVIEW | Python | MySQL | Team Management | Data Management | Analytical Skills | Creativity | Productivity | Teamwork | Presentation Skills

PERSONAL PROJECTS

Habeman's Cancer Survival rate prediction
- A ML model that predicts survival rate of Haberman cancer patient ratio who have undergone surgery for breast cancer.

Health Monitoring IOT Device
- A microcontroller based Health Monitoring Device was made with saving data to cloud, calling APIs every second and post data. Next, data is used to do health related predictions.

Loan Prediction Problem
- A High accurate Machine learning model based on binary classification that predicts the customer's eligibility for loan approval based on customer details provided while filling online form.

Melanoma Tumor Size Prediction
- A ML model that predicts the size of Melanoma Tumor size based upon features such as damage ratio, exposed area, damage size etc. Feature Engineering, Data Exploratory, Removing outliers and visualization were performed.

LANGUAGES

English
Professional Working Proficiency

Hindi
Native or Bilingual Proficiency

INTERESTS

Control System | IOT | Musical Instruments | EDM | CNC | Arduino | Raspberry Pi