Rohit Bharadwaj

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EDUCATION

- **Sikkim Manipal Institute of Technology** — Majithar, India
  Bachelor of Technology - Computer Science; GPA: 8.89 — *July 2019 - June 2023*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

SKILLS SUMMARY

- **Languages:** Python, C++, SQL, Bash
- **Frameworks:** Scikit, NLTK, SpaCy, TensorFlow, Keras, Django, Flask
- **Tools:** GIT,Bigquery, MySQL, SQLite,Jasp
- **Platforms:** Linux, Web, Windows, AWS, GCP, IBM Cloud
- **Soft Skills:** Leadership, Writing, Public Speaking, Time Management

EXPERIENCE

- **Artificial Penetration Services PVT Ltd,Hyderabad** — Hyderabad
  Data Scientist Intern — *Jul 2021 - Oct 2021*
  - **Automation**: Worked as a Data Scientist intern and developing tools for automation on data analysis
  - **Graphy**: Contributed to the Data Analysis product named Graphy which will be released in near future
- **IIIT Hyderabad** — Remote
  NLP Intern — *Mar 2021 - May 2021*
  - **Project- ASR System** : Developed an ASR system for the English Language using the tool Kaldi
- **Bright Networks UK** — Remote
  Technology Intern — *June 2020 - June 2020*
  - **Presentation- Facial Recognition System** : Successfully gave my presentation on face recognition technology at a conference where students from all over the world attended.

PROJECTS

- **MNSIT**: worked on an image data set called MNIST Dataset. In the history of deep learning, the accurate image classification of the MNSIT dataset, a collection of 70,000 grayscale images of handwritten digits from 0 to 9.Used TensorFlow, Keras for data modeling and training in neural networks.. Tech: Python, Numpy, Pandas,Keras, TensorFlow (Nov 21)

- **Supervised Machine Learning**: Shoppers Intention Data Set and the dataset consists of feature vectors belonging to 12,330 sessions. The dataset was formed so that each session would belong to a different user in a 1-year period to avoid any tendency to a specific campaign, special day, user profile, or period.Applied K-means Clustering and Xgboost for Modelling. Tech:Python,Machine Learning,Plotly,Numpy,Pandas,Seaborn.(Nov 21)

- **Employee Future Prediction**: Aim is to predict when the employee exits from the company.Obtained some interesting insights from dataset.Used Automl library called Eval ML in which it chooses the best ML pipeline by rankings ,based on the results XGBoost Classifier w/ Imputer was top on the rankings. Tech: Machine Learning,Numpy,Pandas,Seaborn, Plotly (Nov 21)

- **Predictive Maintenance**: predict the machine failure by training the machine with different parameters. Used Xgboost for training the model .This process is used for predictive maintenance of Machine and the insights obtained will be used to prevent the machine failure Tech: Python, Machine learning,Numpy,Pandas,Plotly,Seaborn (Oct 21)

- **Real Estate Price Prediction**: Predicting home valuations using Linear Regression models.Used K-fold for valuation and Random forest Regressor for modeling. Tech:Python, Machine learning,Numpy,Pandas,Plotly,Seaborn (Oct 21)

HONORS AND AWARDS

- Awarded as elite+silver in python for data science course by IIT Madras NPTEL - Oct 21
- Kaggle Notebooks Expert ranked in top 1000- Oct 21

VOLUNTEER EXPERIENCE

- **Exchange Intern IAESTE CI SMU** — Majithar, India
  Gave writeups to incoming internships offers and distributed them among student members — *Aug 2020 to Mar 2021*