JAI RAM ATLURI
9500063962
jaiatluri@gmail.com

SUMMARY

- Highly analytical, Data Science Engineering Postgraduate having an in-depth understanding of EDA, Statistics, Machine Learning. Experienced in handling different data science projects, worked on business case studies, and interpreted results that are helpful to Business Applications. Having a previous work experience of 3.5 years in various other fields.

- LinkedIn Link: https://linkedin.com/in/jaiatluri

- Github Link: https://github.com/jaiatluri

- Tableau Link: https://public.tableau.com/app/profile/jaiatluri

KEY SKILLS

- **Languages:** Python, SQL
- **Technical Skills**: Exploratory Data Analysis, Feature Engineering, Statistics, Machine Learning
- **Machine Learning**: Regression, Classification, Unsupervised Learning
- **Python**: NumPy, Pandas, Scikit-Learn
- **Visualization**: Matplotlib, Seaborn, Tableau
- **Soft Skills**: Root-Cause Analysis, Problem Solving, Time Management, Collaborative
- **Mechanical Skills**: Designing and Drafting, 3D Modelling, AutoCAD, CREO

ACADEMIC PROJECTS

- **Predict Possible Defaulters for Consumer Loans**
  Objective: Build a predictive model to correctly identify loan defaulters from non-defaulters, which helps in minimizing credit risk for lending institutions

  Outcome: Feature Engineering is done on the dataset and various performance metrics including confusion matrix, ROC Curve, Accuracy, Bias-Variance errors have been evaluated for different classification models to choose the best model that can classify the applicants with minimal error.

  Key skills: Python, Feature Engineering, Data Analysis, Machine Learning

- **Designing an Interactive Dashboard using Tableau**
  Objective: Build an interactive dashboard which shows sales over time and across regions.

  Dashboard URL:
  https://public.tableau.com/views/SuperstoreAnalysis_16471590441710/SalesDashboard?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

  Key skills: Exploratory Data Analysis, Tableau

- **Predicting House Prices in India**
  Objective: Build a regressor model to estimate the price of a house taking various attributes into consideration.

  Outcome: Data has been cleaned and fitted onto various regressor models after proper feature engineering. RMSE was considered and cross validation technique was used to build a regressor model which gives the best possible price prediction with minimal error.

  Key skills: Python, Data Cleaning, Feature Engineering, Data Visualization, Regression

HACKATHONS/ CERTIFICATIONS

- Automate the Boring Stuff with Python Programming, Udemy
  Certificate : http://ude.my/UC-ef229f50-8315-4786-930b-10af9036cf53

EDUCATION

Course	Institution	Year	Remarks
Post Graduate Program in Data Science & Engineering	Great Lakes Institute of Management	2022	Completed
B.Tech (Mechanical Engineering)	SRM University	2017	7.5/10
12th Std	Sri Gayatri Academy	2013	86.7%
10th Std	Sree Vidya Peeth	2011	9.8/10

PROFESSIONAL SUMMARY

Mechanical Design Engineer, Short Run Pro LLC   **June'21- Ongoing**

- Apply mechanical design principles to create models that achieve functionality, manufacturability, weight, and cost.
- Analysing the market trends and finding the best product to launch in to the market.
- Industry research, concept design, develop consumer products, design for manufacturing, test for quality and launching products in line with the market demand.

Transportation Specialist, Amazon   **July'20-Dec'20**

- Facilitating the flow of information between different stakeholders and resolving any potential issues that impact customer experience and business continuity.
- Conduct ad-hoc reporting and analysis based on the requirement
- Identify customer requirements, queries and grievances and accordingly implement strategies and plans to improve process.
- Data extraction and cleaning to analyse the factors affecting the KPIs to suggest process improvement ideas

Achievements

- Got featured in the internal newsletter- 'ROC Stars Newsletter' within 3 months of joining for being a good and consistent performer.

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Technical Consultant, TekisHub Consulting Services   **Aug'19-Feb'20**

- Responsible for candidate recruitment to meet the staffing needs of the company's clients. The priorities of these efforts are market driven and set by management.
- Presenting fully screened qualified candidates to hiring managers in a timely manner.
- End to end recruitment, sourcing, staffing, scheduling and coordinating the interviews between the candidates and the clients

Product Development Engineer, Sai Teja Industries   **Jan'18-July'19**

- Visualized and forecasted the trends in the sales taking the past sales data into consideration.
- Maintained records of inventory using MS Excel
- Reverse engineering of various mechanical components in stone crushing and mining equipment
- Led teams of 2-3 mechanical engineers on multiple industrial projects involving design, review, and manufacturing processes