

Shaheer P V

Data Scientist

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Solution focused, adaptive, quick learning, self-motivated and energetic post graduate Engineer with applicable knowledge in the domain of data science, seeking a graspable opportunity in wide areas of Computational Data Science. Enjoys learning about new technologies. A team player who is attentive to detail and produces quality results. Data Scientist with master's in mechanical engineering 2+ years of Experience in Data Science Using Predictive Modelling, Data Processing, Data Mining Algorithms, Natural language processing (NLP), hands-on experience leveraging machine learning, Deep Learning Models to Solve Challenging Business Problems.

Executive Summary

Jan'20 – Present: Data Scientist | Athena Erudition | Kochi, India

- Achievement-Driven Professional with a Relevant Experience of 2+ Years.
- Deep involvement in handling the Critical Deliverables, Benchmarking Solutions, Driving Key Metrics, Maintaining Productivity, and ensuring Projects are Profitable.
- Experience in Statistics, hypothesis testing, Machine Learning & NLP, and Python Methodologies, and extensive hands-on with regression and classification techniques.
- Familiarized with Visualization Tools Like Tableau Software, Excel
- To understand the business use cases from clients and convert them into a well-defined problem statement and explain it to the development team.
- To Develop Algorithms and Predictive Models to Drive Insights and Business Values from Data
- To identify data sets required to develop predictive models for solving internal and external business problems
- Identify and implement use cases that might help the organization's business development to interpret results and produce actionable business insights that lead to measurable business and consumer experience performance improvements
- Experience in building applications with Artificial Intelligence, Machine Learning, Deep Learning, Recurrent Neural Network, NLP, and Python.
- Worked on Deployment and optimization of various Machine learning and NLP solution on the web-based application

Tools and Libraries Used

Numpy	Pandas	Stats Models
SciPy	Seaborn	Matplotlib
Scikit-learn	Selenium	mlxtend
NLTK	Tensorflow	Keras
Open CV	TextBlob	pyLDAvis
Gensim	Spacy	Beautiful Soup

Projects Handled

Project#1

Project Title: Recommendation Engine to recommend the best career path for graduates

Role: Data Scientist | **Duration:** 2020-2021 |

Technology: Python, Machine Learning, Data Visualization, NLP, AWS, Predictive Modelling |

Project#2

Project Title: Predictive Modelling and Analysis of Mechanical Properties on Dissimilar TIG Welded SS 316L-HSLA Steel joint

Role: Data Scientist | **Duration:** 2020-2021 |

Technology: Python, Machine Learning, Data Visualization, Matplotlib

Project#3

Project Title: Wind Resource Assessment

Role: Data Scientist | **Duration:** 2021-2022 |

Technology: Python, Machine Learning, Data Visualization, Matplotlib

Project#4

Project Title: NLP based complaint Analysis on Tata Nexon EV-Car customer feedback data

Role: Data Scientist | **Duration:** 2022 to Present |

Technology: Python, Machine Learning, Data Visualization, Matplotlib

Key Impact Areas

Data Science	Leadership and Mentorship
Project Management	Tableau Software and Advanced Excel
Statistics, Hypothesis Testing	Machine Learning NLP, and Python
Algorithms and Predictive Models	communication, Presentations & Mentoring Skills

Soft Skills



Technical Skills

Skill	Technology Worked on
Programming/Scripting	Python, C, C++
Tools/IDE	Pycharm, Pspyder, Jupyter Notebook, Google Colab
Server	AWS, Github, Windows Server, Linux Server
Machine learning/Deep Learning	Machine Learning, Data Analysis, Artificial intelligence, Supervised learning, Unsupervised learning, Regression Models, Neural Networks, Knowledge Graphs, XG Boost, Predictive Analytics, Natural Language Processing, Python, Data Cleaning, SVD, Association rule, Clustering (Hierarchical clustering, K-Means, DBSCAN Clustering), Text Mining, LSA, LDA, Google Page Rank Algorithm, Network Analysis, Recommendation systems(CF,CB), Decision Tree, Naïve Bayes, K-NN(K-Nearest Neighbour), Ensembles(Bagging, Random Forest, Boosting(Adaboost, Gradient Boosting, XGboost),Voting, Stacking), Survival Analysis, Time Series Analysis, Forecasting, SVM(Support Vector Machines), SVR, ANN, CNN, RNN.
Data Base	SQL, My SQL, MongoDB, SQLite, NoSQL, MongoDB atlas
Front End	HTML, Bootstrap, Javascript, Jquery, Ajax
Framework	Django,Flask
API	REST API

Certifications and Achievements

- IBM Certification on “Machine Learning with Python”.
- The paper “Characterization and Taguchi based modelling and analysis of dissimilar TIG-welded SS316L- HSLA Steel joint" has been published in Proceedings of the International Conference in Emerging Trends in Engineering, Science and Technology (T&F Conference Proceedings)
- Presented a paper in an international conference on Emerging Trends in Engineering Science and Technology- 2018
- Presented a paper in National Conference on Emerging Trends in Manufacturing-2017.
- Qualified GATE-2015 (Score – 458), GATE-2018(Score- 430)

Professional Experience

Jan’20 – Present: Data Scientist| Athena Erudition| Kochi, India
Aug’19 -Dec’19: Asst Professor| Vidya Academy of Science and Technology| Thrissur, India
Jan’18-Jul’19: Mathematics Teacher| Various Tuition Centres| Thrissur, India

Education & Credentials


2015-2017: M. Tech - Mechanical Engineering| Government Engineering College| Trichur, Kerala Technological University |(CGPA-7.85/10.00)
2010-2014: B. Tech - Mechanical Engineering |Government Engineering College |Kozhikode, Calicut University| (73.9%)
2008-2010: Plus. Two- Computer Science| Rahmania Higher Secondary School, Kozhikode, Kerala State Board| (84%)

Professional Traits

Excellent business communication, presentation, leadership, closing skills to thrive in a team-oriented environment
Results-driven and inquisitive Data Science professional, committed to tight deadlines and quick turnaround times
Strive for win-win relationships & client/Supplier engagements to translate ideas into tangible concepts and grow existing accounts

Experience Path



**Personal Details:**

Languages Known: English, Malayalam, Hindi, and Arabic
Nationality: Indian
Date of Birth: 15/01/1992
Marital Status: Married
Address: Zion Home Stay, Edappally, Kochi, Kerala, India