



# AHAMED SHIHAN

DATA ANALYST / DATA SCIENTIST/ DATA ENGINEER

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Location: Dubai, UAE

## EDUCATION

### BACHELOR OF COMPUTER SCIENCE AND ENGINEERING

- Cloud Technology and Information Security Sandip University – Nashik, Maharashtra, India

## CERTIFICATION COURSE

- Data Science Master's Program: SMEC Labs, Ernakulam (Certificate No. 102089), August 2023 – February 2024.
- Big Data Analytics: CDAC and Sandip University Academia Collaboration Initiative (Certificate No. B328700), 2019 - 2020.
- Advanced Excel with Power BI: E & ICT Academy, IIT Kanpur, May 2022.
- Microsoft Azure for IT Professionals: Microsoft Certificate of Achievement, June 2019.
- The Fundamentals of Digital Marketing: Google Digital Garage, May 2020.
- Cybersecurity Summer Internship: Cyber Crime Cell, Gurugram Police, July 2021.

## LANGUAGES KNOWN

English ██████████ 100%  
 Malayalam ██████████ 100%  
 Hindi ██████████ 90%  
 Tamil ██████ 40%

## PROFESSIONAL SUMMARY

Experienced Data Analyst with a meticulous approach to extracting, analyzing, and interpreting intricate datasets to propel business solutions. Skilled in statistical analysis, data visualization, and data mining techniques. Demonstrates adept problem-solving abilities and effective communication of technical concepts. Holds a BTech in Computer Science, specializing in cloud technology and information security. Eager to apply analytical expertise to drive data-driven decision-making as a Data Analyst or Data Scientist.

## KEY SKILLS

Programming	Data Analyzing	Statistical Analysis
Data visualization	Cloud Platforms	Machine Learning
Artificial Intelligence	SQL / Excel	Big Data Technologies

## TECHNICAL SKILLS

- Programming:** Proficient in Python, with skills in Java and R. Experienced in using libraries like Pandas, NumPy, Matplotlib, Seaborn, ggplot2, BeautifulSoup2, Scikit-learn, TensorFlow, Pyspark, Kafka, Keras, StatsModels, NLTK, and OpenCV for data analysis.
- Data Analysis:** Expert in statistical analysis and manipulation using Pandas and NumPy.
- Data Visualization:** Skilled in visualization with Matplotlib, Seaborn, ggplot2, and Tableau.
- Machine Learning:** Knowledgeable in Scikit-learn and TensorFlow for machine learning.
- Big Data:** Familiar with Hadoop and Spark for big data processing.
- Database Management:** Proficient in SQL, with advanced skills in JOIN operations, subqueries, and schema management.
- Version Control:** Experience with Git for project management.
- Data Mining & Exploration:** Proficient in exploring and extracting insights from large datasets.
- Predictive Modeling:** Capable of building predictive models for decision-making.
- NLP:** Familiar with NLP techniques for text analysis.
- Cloud Platforms:** Knowledgeable in AWS and Azure for data storage and processing.
- BI Tools:** Experienced in Power BI, with proficiency in advanced features like DAX and API integration.
- Microsoft Excel:** Proficient in data manipulation and analysis using Excel functions and pivot tables.
- Communication:** Effective at presenting findings and explaining complex concepts to non-technical audiences.

## WORK EXPERIENCE

### DATA ANALYST

HR GOVERNANCE SOLUTION (INDIA) PVT. LTD – BANGALORE, INDIA | Nov 2021 – Nov 2023



- Developed and implemented modules to optimize data delivery and invoice reconciliation.
- Recognized for enhancing accuracy and reducing turnaround time in ad hoc invoice processing using VBA (Excel Macro).
- Demonstrated strong problem-solving skills in managing high-risk invoice data and meeting client deadlines.
- Excelled in data extraction, analysis, visualization, and client interaction, particularly in invoice reconciliation.
- Leveraged VBA (Excel Macro) to automate tasks and improve workflows in module development.
- Impressed clients with data visualization skills and effective management of high-risk data delivery.
- Contributed to module development, automating tasks, generating reports, and improving data delivery processes.
- Provided valuable insights as a Python developer on a contract basis, positively impacting the team and overcoming implementation challenges.

### JR. DEVELOPER (INTERN)

DUENDE INGENIOUS LLP – NASHIK, INDIA | Dec 2019 – Apr 2020

- Assisted in e-commerce projects, ensuring milestones were met.
- Created visual assets for improved user experience and brand identity.

### PROJECT CO-ORDINATOR (INTERN)

SHANSHIN SOFTECH – CALICUT, INDIA | Jul 2018 – Jul 2018

- Proficiently managed projects, ensuring successful implementation of design elements.
- Initiated and led a workshop to enhance teamwork, improving collaboration and project outcomes.

## PROJECTS

### LUNG CANCER PREDICTION USING MACHINE LEARNING – PERSONAL PROJECT – KOCHI, INDIA | 2024

- Trained machine learning models for lung cancer prediction with 96% accuracy using Random Forest Classifier and developed a Tkinter GUI for instant prediction using Python, Pandas, and Scikit-learn.
- Project details available at [GitHub - Lung Cancer Prediction Using Machine Learning](#)

### TRAVEL INSIGHTS EDA – PERSONAL PROJECT – KOCHI, INDIA | 2024

- Analyzed travel data using Python, extracting insights on travel patterns and preferences, and demonstrated proficiency in data analysis and visualization with Pandas, NumPy, Matplotlib, and Seaborn.
- Project details available at [GitHub - TravellInsights-EDA Project](#)

### SENTIMENTAL ANALYSIS – PERSONAL PROJECT – KOCHI, INDIA | 2024

- Developed a sentiment analysis project with admin and login features, integrating voice input recording and sentiment analysis with Tkinter for GUI, speech recognition, nltk for NLP tasks, sound file for audio handling, tokenize for tokenization, and MySQL for database management.
- Project details available on [GitHub SentimentAnalysis](#)

### PERSON TRACKING – PERSONAL PROJECT – KOCHI, INDIA | 2023

- Developed "Person Tracking" project to capture and recognize faces for attendance using system camera. Utilized Pandas and Cv2 libraries, implemented Haar-Cascade algorithm for face identification.
- Project details available on [GitHub PersonTracker](#)

## PERSONAL DOSSIER

Gender : Male

Nationality : Indian

Permanent Address : Cheracham Veettil Maliyekkal House, Alathiyoor PO. Tirur, Kerala, India

## DECLARATION

I hereby declare that the above-mentioned information is true and correct and I Bear the responsibility for the correctness of the above-mentioned particulars

AHAMED SHIHAN