

Animesh Jain

Atlanta, Georgia | (404)754-6965 | ianimeshjain@gmail.com | [LinkedIn](#)

EDUCATION

Georgia State University J. Mack Robinson College of Business Master's in Information system – Big Data Analytics GPA 3.99	Jan 2022-Dec 2022
Centre for Development and Advanced Computing- VITA, Mumbai Post Graduate Diploma in Advanced Computing GPA 3.5	Aug 2018-Feb 2019
Oriental College of Technology, Bhopal Bachelor of Engineering in Computer Science Engineering GPA 3.5	Aug 2014-May 2018

Technical Skills

- Languages: SQL, MySQL, Python (NumPy, Pandas, Matplotlib, sci-kit-learn, Keras, OpenCV), R, PySpark, JavaScript, Java, C++, Data Structures.
- IDE, Visualization: Tableau, MS Excel, RStudio, Jupyter Notebook, Google Collab, Power BI, DataBricks, SSRS, PyCharm, SSDD, Visual Studio.
- Cloud, CI/CD, Collaboration: AWS -S3, EC2, Azure, TeamCity, Octopus, JIRA, Slack, Atlassian
- Functional Skills: Data Modeling, Data Analysis, Data Visualization, Machine Learning, Predictive Modeling
- Machine Learning Concepts: Regression & Classification Algorithms, Time Series Analysis, NLP, Deep Learning, TensorFlow

EXPERIENCE

Starr Insurance Companies, Data Analytics Engineer	Dec 2022 – Present
<ul style="list-style-type: none">• Created interactive dashboards and paginated reports using Power BI, SQL, and Microsoft Report Builder to visualize complex data sets, providing actionable insights and enhancing decision-making for stakeholders• Assisted in conducting proof of concept (POC) for implementing enterprise-level tools, including Microsoft Purview and Fabric, to improve data quality and compliance, leading to more reliable data governance• Optimized 50+ reports by converting SQL queries to DAX using SSAS Cube, reducing runtime by 80% and significantly enhancing performance• Developed and implemented AI/ML models to predict policyholder behavior and identify potential fraud in the insurance domain using Python, R, and SAS, resulting in a 25% reduction in fraudulent claims and improved risk assessment• Designed and optimized ETL workflows using SSIS to integrate data from multiple sources into a centralized SQL Server data warehouse, enabling efficient data processing and comprehensive business intelligence reporting• Automated the month-end data validation process, eliminating 100% of manual efforts by implementing a Power BI report with email/Teams alerts for discrepancies	
Alexander Babbage, Data Scientist	Jun 2022 – Dec 2022
<ul style="list-style-type: none">• Analyzed, collected, and interpreted data from data lake, leading to optimized SQL queries and stored procedures.• Reduced runtime by 20-30% through optimization of existing SQL queries and Python code• Build custom Machine Learning model to predict missing Zip code for credit/debit card transaction data• Provide predictive sales analysis for the clients, helping them make better decisions• Build reusable notebooks for complex data normalization, reducing manual efforts by 70%	
Dr. Reddy's Laboratories, Full Stack Developer/Data Scientist	Feb 2019- Dec 2021
<ul style="list-style-type: none">• Automate 5 asset life cycle processes aiding 5k+ users by reducing the user request completion time from 60 days to 1 week• Build data pipeline for data extraction, manipulation, and report generation, reducing the turnaround time by 30%• Create 100+ PowerBI dashboards to manage pharmaceutical manufacturing plants• Develop 10+ Spark applications to uncover insights into the customer usage patterns	
YoWebie, Founder and CEO	Apr 2015- May 2017
<ul style="list-style-type: none">• Design and built websites/web apps for multiple clients with a team of 5 software developers• Provide services to develop content management system, ecommerce tools, payment gateway integration, subscription system, SEO optimization• Awarded for the best tech start-up in TechFizz-2017	
Graduate Research Assistant, Georgia State University	Jan 2022- May-2022
<ul style="list-style-type: none">• Fake Job Prediction: Executed data wrangling, performed in-depth Exploratory Data Analysis (EDA) from the complex data extracted from Kaggle as well as applied ML algorithms such as Logistic Regression, Random Forest and KNN models in Python to predict fake job postings• Conduct python programming labs and assist undergrad students with data science projects	
Academic and Individual Projects	
House Price Prediction	Feb 2022
<ul style="list-style-type: none">• Predicted the house prices of San Francisco by deploying Linear Regression, Random Forest, XG Boost, Neural Networks models• Used clustering & regression techniques to compare accuracies of different models to decide the best predictor	
Reddit User pattern Analysis	Mar 2022
<ul style="list-style-type: none">• Analyzed data of multiple subreddits and forums classify users as genuine, bots or trolls	
