



Result-oriented Data Science professional leveraging expertise in AI, Machine Learning, and Data Analysis to drive impactful solutions in an organization of high repute for mutual growth.

CONTACT

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EDUCATION

- 2023 – Present
Executive PG Program, Data Science
IIIT Bangalore
- 2013 - 2017
BE- Computer Science
Anna University

CORE COMPETENCIES

- Data Science
- Requirement Gathering
- Data Modelling
- Technical Documentation
- Statistics & Mathematics
- Operational Efficiency
- Project Management

TECHINCAL SKILLS

- Python (Numpy, Pandas, Scikit-Learn, TensorFlow)
- Time Series Forecasting, OCR, Azure, AWS, SQL
- GIT, Power BI & Robotic Process Automation
- Machine Learning Models - Classification, Regression & Clustering

SOFT SKILLS

- Problem-solving
- Analytical
- Interpersonal Skills
- Communication

PERSONAL DETAILS

- Address Gurugram, India
- Date of Birth 2nd June 1995
- Languages Known English & Hindi

SUBHAM SRIVASTAVA

PROFILE SUMMARY

- Data Science Professional with 5+ years of experience in Retail, Supply Chain, and Banking, skilled in Python, Generative AI, and cloud technologies.
- Built AI-driven customer communication engines using machine learning, Prompt Engineering and AWS tools (SageMaker, Bedrock, S3, Snowflake), MLOps pipelines, driving engagement and personalization in retail.
- Achieved 80-85% forecasting accuracy in supply chain, reducing inventory and optimizing operations with Azure (Databricks, SQL, ML) in an Agile framework.
- Proven ability to autonomously lead and deliver diverse machine learning projects, with a deep understanding of AI/ML lifecycle, encompassing project initiation, evaluation metrics implementation, and effective go-live support.

PROFESSIONAL EXPERIENCE

Senior Data Scientist, Retail Analytics May'24 – Present
BuzzClan, Noida, India

Key Result Areas:

- Designed and deployed a Personalized Customer Communication Engine using machine learning models (ensemble techniques, clustering), Pandas and PySpark to predict optimal messaging channels, achieving 85-87%, prediction accuracy with a balanced F1 score, improving engagement and conversion rates across platforms like Epsilon, Attentive etc.
- Implemented AWS Personalize for recommendation systems and Amazon Bedrock for generative AI solutions, enhancing customer experiences with a 20-25% improvement in recommendation relevance and satisfaction.
- Utilized AWS SageMaker, S3, Snowflake, Bitbucket, LLM and GPT APIs for scalable model deployment, real-time analytics, and personalized messaging, integrating CRM, sales, and engagement data for targeted communication.

Data Scientist, Supply Chain and Operations Oct'21- May'24
Becton Dickinson, Gurugram, India

Key Result Areas:

- Developed a multivariate demand forecasting model with Python, Statistical Analysis, leveraged XGBoost and LightGBM and Deep Learning, and performed feature engineering, data cleansing, and hyperparameter tuning on Azure Databricks, achieved 80–85% accuracy and optimized inventory planning.
- Led the development of an AI-powered invoice processing system, integrating NLP, OCR, and RPA using NumPy, Scikit-Learn, TensorFlow, AutoML, GPU and Azure services, saving over 5000 man-hours and improving efficiency by 90%.
- Built a credit risk assessment model using PyTorch, LangChain and Generative AI, conducted EDA, built ETL pipelines and leveraged Azure Databricks and OpenAI for optimized financial decision-making.
- Providing guidance and mentorship to a team consisting of three data science professionals, fostering skill development, and enhancing project outcomes.
- Processed complex structured and unstructured data with advanced analytics, SQL, GitHub, LLM, and data visualization, delivering actionable insights.
- Collaborated with stakeholders to gather requirements, perform A/B testing, document processes, and create visualizations using Power BI.

System Engineer | Tata Consultancy Services Jan'19- Oct'21
Bengaluru, India

Key Result Areas:

- Designed and implemented a time series demand forecasting model using Python, MLOps, and BI dashboards, reducing projection errors by 20% and improving planning efficiency.
- Applied Random Forest and Gradient Boosting to optimize forecasting accuracy, leveraged Jupiter, VSCode, Sklearn, Matplotlib, Seaborn and advanced data analysis techniques for improved decision-making.
- Consolidated data from seven sources into a centralized system, enhancing data agility and accuracy for streamlined operations.

Intern | AQM Technologies Jan'18- Oct'18
Mumbai, India

AWARDS

- Honored with the Braveheart – 2022 from Becton Dickinson.

CERTIFICATION & PROJECT

- Certified GenAI Specialist (Google); developed an AI-based meta-human bot for candidate interviews, analyzing verbal and facial cues.