Sonal Kiran

DATA SCIENTIST

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PROFILE

I have 6 years of work experience focused on Data Science, ML Product Delivery, Business Intelligence, Analytics, and Business Process Improvement.

As a data scientist, I am driven by the pursuit of enabling well-informed decisions based on accurate, unbiased data. I recognize that while an abundance of data exists, it is the onus of the data scientist to ensure its responsible use.

As I continue to learn and grow in this field, I am excited to explore new challenges and build efficient systems that push the boundaries of what data science can achieve.

SKILLS

SQL, Python, R, Hypothesis Testing, A/B tests, Parametric and non-Parametric tests, Tableau, Matplotlib, Plotly, Bokeh, Seaborn, Machine Learning in scikit-learn, Supervised and Unsupervised Learning, Tensorflow, Keras, Pytorch, Amazon Web Services (AWS), Hadoop, Spark, Hive, Docker, Metabase, JIRA, Git, Zoho, MS Office Suite (Word, Excel, Access, PowerPoint), Agile, Scrum

EXPERIENCE

Senior Machine Learning Solutions Lead | Skit.ai
MAR 2022 – 2023, BANGALORE, IN

- Led a team of 9 engineers and successfully delivered 12 voice bots and 4 TTS solutions across US and Indian clients.
- Reduced delivery time from 8 weeks to 1 week by automating ML processes, creating comprehensive Metabase dashboards, and building plug-and-play voice bots.
- Increased contracted revenue by 200% by improving voice bot performance and identifying new use cases across clients.

Analytics Science Lead | Fair Isaac Corporation (FICO)
FEB 2020 – SEP 2021, KUALA LUMPUR, MY

- Led a team of 3 technical specialists and managed end-to-end activities for ML project implementation.
- Led to USD $3,000 monthly savings by developing an in-house face biometric authentication module with a FAR of 0.1% and FRR of 2%
- Built best-in-class e-KYC solution that generated a 42% increase in sales leads by developing a deep-learning based hologram recognition model with a FAR of 0.1% and FRR of 2.5%.

Strategy & Operations Consultant | Deloitte India (US Offices)
MAY 2018 – JAN 2021, HYDERABAD, IN

- Led business analytics for 2 business verticals and built a cloud-based customer engagement platform using Salesforce.
- Developed a Portfolio Expansion and Go-To-Market Strategy for a US based pharmaceutical giant and owned the entire data analysis

EDUCATION

BrainStation | Diploma, Data Science
JUN 2023 - SEP 2023, TORONTO, CA

National Institute of Industrial Engineering | Post Graduate Diploma, Industrial Engineering
JUN 2016 - 2018, MUMBAI, IN

- Awarded "Best All Round Student"

Army Institute of Technology | Bachelor of Engineering, Mechanical
JUN 2010 - 2014, PUNE, IN

PROJECTS

Data Scientist | BrainStation x 7Shifts – Hackathon
AUG 2023, TORONTO, CA

- Collaborated with UI/UX and software engineers to deliver a data driven solution addressing 7Shifts' need to simplify shift scheduling

Demand Forecasting for Bike Rentals
JUN 2023 - SEP 2023, TORONTO, CA

- Compared XGBoost, SARIMA, and RNN based demand forecasting models for bike rentals