GAURAB KUNDU

Data Scientist & Analyst

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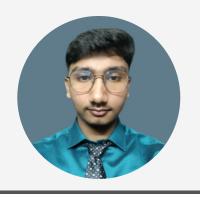
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⌗ https://github.com/GaurabKundu1

SUMMARY

Proactive Data Science enthusiast with a strong background in Data Analytics, Machine Learning, and Deep Learning. Proficient in Python, R, Excel, and SQL, I am dedicated to leveraging data-driven insights to tackle complex challenges. I am eagerly seeking an internship opportunity to apply my skills and make a meaningful impact.

EDUCATION

Brainware University

Bachelor of Technology in Computer Science & Engineering - Data Science, 2021-2025, SGPA- 8.52

Krishnagar Collegiate School

Higher Secondary Education, 2019-2021, Grade- 84.2%

Krishnagar High School

Secondary Education, 2018-2019, Grade- 87.85%

SKILLS

- Python
- R
- Microsoft Excel (Advanced)
- Tableau
- SQL(Basic)
- Data Analytics & Visualization
- Machine Learning
- Deep Learning
- Detail-oriented and able to handle multiple tasks simultaneously
- Ability to work independently and as part of a team

CERTIFICATIONS

- Excel Skills for Business Specialization by Macquarie University
- Learn SQL Basics for Data Science Specialization by University of California, Davis
- Deep Learning Specialization by DeepLearning.AI
- Core Java Specialization by LearnQuest
- Machine Learning Specialization by DeepLearning.AI & Stanford University
- Data Science Specialization by Johns Hopkins University
- Python for Everybody Specialization by University of Michigan
- IBM Data Analyst Professional Certificate
- IBM Data Science Professional Certificate

PROFESSIONAL EXPERIENCE

Data Science and Business Analytics Intern

The Sparks Foundation | Sep 2022 - Oct 2022

- Writing code to collect, crunch and analyze data from internal and external sources.
- Built machine and tune learning models using R and Python.
- Using libraries such as numpy, pandas, scipy, matplotlib, scikit-learn to analyze, find important patterns in data and design visualization dashboards.
- Built a strong professional profile, present given tasks and submissions; and improve skills through various activities as part of the internship.

PROJECTS

Winning Space Race with Data Science 🔗

- Built a predictive model for Falcon 9 rocket success, crucial for precise cost estimation in competitive space industry bids.
- Conducted thorough data analysis, including SQL queries, interactive maps, and visualization, revealing launch success trends and payload impacts.
- Applied ML algorithms with 83% validation accuracy, facilitating reliable landing outcome predictions.
- Designed a user-friendly Plotly Dash dashboard for intuitive exploration of launch success data, enhancing data-driven decisions.

Technology Trends & Analysis 🔗

- Analyzed current and future technology trends, including programming languages, databases, and platforms.
- Explored demographic trends, skill shortages, and gender disparities in the tech industry.
- Created interactive visualizations and offered strategic recommendations for addressing disparities and adapting to emerging tech trends.

Making a Text Prediction App 🔗 ⌗

- Developed predictive text models for mobile keyboard app with efficient n-gram and backoff models.
- Applied NLP techniques for multilingual data analysis, including tokenization and profanity filtering.
- Designed a Shiny app to demonstrate the predictive algorithm and delivered a compelling pitch in a concise slide deck.