GAURAB KUNDU

DATA SCIENCE INTERN

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Dynamic and results-driven 3rd-year BTech Computer Science student specializing in Data Science. Proven internship experience in dynamic web development and comprehensive Data Science projects. Proficient in Python, R, SQL, and various data science tools. Seeking an internship or job opportunity to apply expertise in analytics, machine learning, and deep learning. Eager to contribute to meaningful projects, leveraging skills to address real-world challenges in the field of Data Science.

PROFESSIONAL EXPERIENCE

CodeClouds IT Solutions Pvt.Ltd, Kolkata   OCT 2023 – Present
Intern
- Developing dynamic web pages through code implementation.
- Applying Agile Methodologies (Scrum, Kanban) in project development cycles.
- Using technologies such as HTML, CSS, JavaScript, Bootstrap, Python, Django to create dynamic responsive web pages.
- Building a professional profile, presenting tasks and submissions, and enhancing skills through internship activities.

The Sparks Foundation   SEP 2022 – OCT 2022
Data Science & Business Analytics Intern
- 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.

EDUCATION

Brainware University, Kolkata   2021 - 2025
Bachelor of Technology, Computer Science & Engineering - Data Science
CGPA : 8.52 up to 4 th Sem

SKILLS & OTHER

- Programming Languages: Python, R, SQL
- Data Science Tools: Scikit-learn, NumPy, Pandas, Matplotlib, Tableau, Power BI
- Other Tools: MS Excel, Google Workspace, MS-Office
- Data Science Areas: Machine Learning, Deep Learning, Natural Language Processing (NLP), Statistical Modeling, Problem Solving, Business Analytics, Data Analysis, Data Visualization
- Languages: English (Full Professional Proficiency), Bengali (Native Proficiency), Hindi (Bilingual Proficiency)

PROJECTS

Analyzing Hotel Booking Trends: Minimizing Cancellations and Maximizing Revenue Generation
- Applied rigorous data analysis techniques to formulate and test hypotheses related to cancellation rates and pricing structures, contributing to the development of effective strategies for reducing cancellations and maximizing revenue.
- Played a key role in improving business outcomes by emphasizing data-driven decision-making and problem-solving, showcasing a commitment to enhancing efficiency and profitability in the hotel industry.

Cinematic Coherence: A Correlation Study of Movie Dynamics Across 40 Years

- Leveraged Python to conduct a comprehensive analysis of four decades of movie data, showcasing proficiency in data manipulation and analysis techniques.
- Employed advanced visualization tools such as Matplotlib and Seaborn to craft compelling graphics, effectively communicating complex patterns and relationships within the movie dataset.
- Validated findings through the application of statistical methods like Pearson correlation, challenging prevailing industry assumptions and emphasizing the crucial role of audience votes in shaping the success of movies.

[Winning Space Race with Data Science](#)
- Built a predictive model for Falcon 9 rocket success, using data analysis and machine learning with 83% validation accuracy.
- Designed a user-friendly Plotly Dash dashboard to enhance data-driven decisions in the competitive space industry.

[Technology Trends & Analysis](#)
- Analyzed technology trends, including programming languages and databases, and explored demographic factors in the tech industry.
- Produced interactive visualizations and 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.

More Projects at : https://gaurabkundu1.github.io/GaurabKundu/

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 HopkinsUniversity
- Python for Everybody Specialization byUniversity of Michigan
- IBM Data Analyst Professional Certificate
- IBM Data Science Professional Certificate