

Contact

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(LinkedIn)

Top Skills

Data Analysis

Market Research

Retrieval-Augmented Generation
(RAG)

Daniyal Khan

Data Scientist & Cybersecurity Enthusiast
Mumbai, Maharashtra, India

Summary

Data Scientist & Cybersecurity Enthusiast | Turning Data into
Actionable Insights | Safeguarding the Digital World #

As a dedicated Data Scientist with a passion for Cybersecurity, I thrive at the intersection of data and security. My expertise lies in harnessing the power of data to uncover patterns, drive business decisions, and protect against emerging threats. With a solid foundation in machine learning, statistical analysis, and ethical hacking, I bring a unique perspective to both data-driven projects and cybersecurity initiatives.

Key Strengths:

1. Data Science: Proficient in predictive modeling, data visualization, and machine learning. Skilled in Python, TensorFlow, and cloud-based data platforms.
2. Cybersecurity: Knowledgeable in network security, penetration testing, and vulnerability assessment. Committed to ensuring data privacy and protecting critical infrastructure.
3. Problem-Solving: Adept at translating complex data into actionable strategies. Focused on using data science to not only optimize processes but also enhance security measures.

Connect with me to collaborate on innovative projects where data science meets cybersecurity, or simply to discuss the latest trends in these ever-evolving fields!

Experience

Blackcoffer

Associate Data Scientist

October 2024 - Present (8 months)

New Delhi, Delhi, India

Data Science & Machine Learning:

- Optimized data pipelines for accurate data flow to LLMs, improving response accuracy.
 - Built a GraphRAG system with Neo4j to extract PDF data, create a knowledge graph using GPT-4, and enable efficient retrieval via LLM.
 - Developed a FastAPI chatbot endpoint for GPT-4o mini with a RAG system integrated into a Pinecone vector database for efficient data retrieval.
- Key tools: Neo4j, Generative AI, Graph Databases, Pinecone, FastAPI, and GPT-4.

Data Analysis & Business Insights:

- Conducted research for a Swiss client to compare gym entrance fees in Geneva vs. other major cities, analyzing cost differences against living expenses and net salaries.
- Utilized Excel and PowerPoint to present findings with visualizations and key insights.

Data Visualization & Monitoring:

- Implemented an ELK stack (Elasticsearch, Logstash, Kibana) to monitor sales and growth, enabling real-time analytics and enhanced business insights.
- Built a data visualization pipeline using PostgreSQL, Python, and Grafana to insert and analyze business data effectively.

EDC MHSSCOE

Joint Head

June 2023 - December 2023 (7 months)

Mumbai, Maharashtra, India

As Joint Head of Social Media for the Entrepreneurship Development Cell (EDC) at my college, I led a dynamic team to manage and grow our online presence. I was responsible for developing and implementing content strategies to promote EDC's initiatives, events, and programs. By leveraging platforms such as Instagram, Facebook, and LinkedIn, I enhanced engagement, increased followers, and helped build a strong entrepreneurial community. I also collaborated with cross-functional teams to ensure cohesive branding and effective communication.

Education

University of Mumbai

Bachelor's degree, Computer Engineering · (July 2020 - May 2024)

M.H. Saboo Siddik College Of Engineering

Bachelor of Engineering - BE, Computer Engineering · (2020 - 2024)