Lokesh Kumar Patnaik

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EDUCATION

Florida Atlantic University   Boca Raton, FL
Masters in Computer Science with Big Data Analytics Specialization   December 2024 (Expected)
GPA:3.5/4

SKILLS & CERTIFICATIONS

- **Languages:** Python, SQL, HTML, CSS, PHP, JavaScript
- **ETL & BI Tools:** Hadoop, Hive, Microsoft Excel, Power BI, Tableau, AWS Glue
- **Cloud & Containers**: AWS (CloudWatch, Redshift), Google Cloud, Kubernetes, Docker
- **Machine Learning**: Machine Learning Techniques, NumPy, Pandas, Scikit-learn
- **Databases:** MySQL, PostgreSQL, IBM Db2, Oracle, Snowflake
- **CodePath Technical Interview Prep**   June 2024
- **Data Analytics and Visualization Job Simulation**   July 2023
- **AWS Cloud Practitioner**   April 2022

EXPERIENCE

The RAM Group- Data Analyst Intern | West Palm Beach, FL   June 2024 – Present
- Developing interactive Power BI dashboards to enhance data accessibility and decision-making efficiency.
- Generating detailed reports in Power BI to improve data transparency and decision accuracy by 15%.
- Enhancing data quality by 30% through Python and Excel data preprocessing and analysis.

Florida Atlantic University - Student Web Editor & Marketing Assistant | Boca Raton, FL   January 2023 - Present
- Boosting website rankings by 15% through improved content quality and SEO techniques.
- Increasing user retention by 40% by developing an accessible web app using HTML, CSS, and JavaScript.
- Enhancing online visibility by 20% through custom websites with advanced SEO strategies, leading to a 25% increase in user engagement.

DXC Technology – Data Engineer | Bangalore, Karnataka   January 2020 – December 2022
- Ensured robust data security and compliance by engineering secure AWS access and optimizing cloud monitoring with CloudWatch and Redshift.
- Enhanced database performance by 30% by optimizing SQL queries and utilizing MySQL and PostgreSQL.
- Streamlined development and reduced deployment times by 30% by implementing CI/CD pipelines with Docker and Jenkins and managing containerization with Kubernetes.
- Improved data processing efficiency by 20% by building and automating ETL pipelines with Hadoop, Hive, AWS Glue, and Python and visualizing data with Power BI and Tableau.

PROJECTS

Book Your Bus   **View Project** | April 2023 – July 2023
- Improved administrative efficiency by 25% by creating a web app using HTML, CSS, and JavaScript.
- Enhanced seat management and reservation inclusivity by reserving 15% of seats for individuals with disabilities.
- Streamlined data management with SQL Workbench and Visual Studio Code.
- **Utilized**: HTML, CSS, JavaScript, SQL Workbench, Visual Studio Code.

Twitter Sentimental Analysis   **View Project** | April 2021 – August 2021
- Achieved 85% accuracy in tweet classification by developing a real-time sentiment analysis model.
- Increased tweet classification accuracy by 20% by implementing a machine-learning model using Python.
- Provided businesses and researchers with augmented insights into public sentiment by visualizing data with Matplotlib.
- **Utilized**: Python, NumPy, Pandas, Matplotlib