

# 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

GPA:3.5/4

## SKILLS & CERTIFICATIONS

- **Languages & Scripting:** Python, SQL, HTML, CSS, PHP, JavaScript
- **Data Engineering & BI Tools:** Hadoop, Hive, Apache Spark, Excel, Power BI, Tableau, AWS Glue
- **Cloud & Containerization:** AWS (CloudWatch, Redshift), Google Cloud, Kubernetes, Docker
- **Machine Learning & Data Science:** NumPy, Pandas, Scikit-learn, Apache Kafka
- **Databases & Workflow:** MySQL, PostgreSQL, IBM Db2, Oracle, Snowflake, Apache Airflow
- **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

- Developed interactive **Power BI dashboards** using advanced **data visualization** techniques, resulting in a 15% improvement in decision-making efficiency.
- Generated detailed reports in **Power BI**, incorporating **statistical analysis** and **predictive modelling** to increase decision accuracy by 15%.
- Enhanced **data quality by 30%** by applying **Python** and **Excel** algorithms for **outlier detection**, **data imputation**, and validation using **machine learning models**.

Florida Atlantic University - Student Web Editor & Marketing Assistant | Boca Raton, FL January 2023 - Present

- Boosted **website rankings by 15%** through optimized content creation and strategic SEO practices, including **optimising keyword research and meta tags**.
- Increased **user retention by 40%** by developing an accessible web app using **HTML, CSS, and JavaScript**, focusing on responsive design and interactive user interfaces.
- Improved **online visibility by 20%** through tailored website development with advanced **SEO strategies**, including **schema markup implementation** and **local SEO optimization**, resulting in a 25% boost in **user engagement metrics**.

DXC Technology – Data Engineer | Bangalore, Karnataka

January 2020 – December 2022

- Ensured robust **data security** and compliance by implementing secure **AWS access controls** and optimizing cloud monitoring with **AWS CloudWatch** and data warehousing with **AWS Redshift**.
- Enhanced **database performance by 30%** through **SQL query optimization** and effective management of **MySQL** database systems.
- Streamlined development processes, reduced deployment times by 30% through CI/CD pipelines using Docker and Jenkins, and managed **container orchestration** with **Kubernetes**.
- Improved **data processing efficiency by 20%** by designing and automating **ETL pipelines** with **Hadoop, Hive, AWS Glue**, and **Python** and visualizing insights through **Power BI** and **Tableau**.

## PROJECTS

Book Your Bus

[View Project](#) | April 2023 – July 2023

- Improved administrative efficiency by 25% by developing a web app using **HTML, CSS, and JavaScript**.
- Enhanced seat management and reservation inclusivity by reserving 15% of seats for individuals with disabilities, utilizing **HTML** and **JavaScript**.
- Streamlined data management processes using **SQL Workbench** for efficient data handling.
- Developed and maintained the web app with **Visual Studio Code** for robust coding and debugging.

Twitter Sentimental Analysis

[View Project](#) | April 2021 – August 2021

- Achieved 85% accuracy in tweet classification by creating a real-time sentiment analysis model with **Python**.
- Increased tweet classification accuracy by 20% by implementing a **machine-learning model** using **Python** and **NumPy**.
- Provided enhanced insights into public sentiment by visualizing data with **Matplotlib** and **Pandas**.
- Conducted extensive data analysis and preprocessing with **Python** to prepare data for accurate sentiment classification.