

# Lokesh Kumar Patnaik

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## EDUCATION

**Florida Atlantic University**

Masters in Computer Science with Big Data Analytics Specialization

GPA:3.5 / 4

Boca Raton, FL

December 2024 (Expected)

## TECHNICAL SKILLS

- **Languages:** Python, SQL, HTML, CSS, PHP, Javascript
- **ETL Tools:** Hadoop, Hive, Microsoft Excel, Power BI, Tableau, AWS Glue
- **Cloud Services:** AWS CloudWatch, AWS Redshift, GitHub, Kubernetes, Bigdata, Google Cloud
- **Containerization:** Docker
- **Machine Learning:** Machine Learning Techniques, NumPy, Pandas, Scikit-learn
- **Databases:** MySQL, PostgreSQL, MongoDB, IBM Db2, Oracle, Snowflake

## WORK EXPERIENCE

**The RAM Group**

**West Palm Beach, FL**

**Data Analyst Intern**

**June 2024 – Present**

- Developed interactive Power BI dashboards to facilitate intuitive data exploration and decision-making.
- Generated detailed reports in Power BI, enhancing data transparency and improving decision accuracy by 15%.
- Applied Python and Excel for data preprocessing and analysis, ensuring robust data cleaning and insightful visualization.
- Collaborated closely with cross-functional teams to align data insights with organizational goals, optimizing strategic initiatives.
- Enhanced dashboard functionality iteratively based on user feedback, achieving a 25% increase in user engagement and satisfaction.

**Florida Atlantic University**

**Boca Raton, FL**

**Student Web Editor & Marketing Assistant**

**January 2023 - Present**

- Enhanced content quality by 10% through SEO techniques, boosting website rankings by 15%.
- Deployed web applications with HTML, CSS, JavaScript, and jQuery, integrating SEO best practices to achieve a 15% increase in discoverability.
- Engineered custom websites with advanced SEO strategies, leading to a 20% rise in online visibility and a 25% surge in user engagement.
- Re-engineered the university CMS, improving user-friendliness and readability of departmental data by 90% using Trello for business planning.

**DXC Technology**

**Bangalore, Karnataka**

**Data Engineer**

**January 2020 – December 2022**

- Engineered secure AWS access and optimized cloud monitoring with IAM, CloudWatch, and Redshift, ensuring robust data security and compliance.
- Optimized SQL queries, reducing query times by 30% and enhancing overall database performance.
- Implemented CI/CD pipelines with Docker and Jenkins, reducing deployment times by 30% and streamlining development.

- Developed machine learning models and automated testing with NumPy and Pandas, increasing test coverage by 40%.
- Built and automated ETL pipelines with Apache Spark, Hive, and Python, improving data processing efficiency by 20%.

## PROJECTS

### Book Your Bus

[Project Repo](#)

- Crafted an accessible web app using HTML, CSS, and JavaScript for seamless interaction.
- Administrators experience a 25% efficiency boost with SQL Workbench and Visual Studio Code, managing bus details and allocating seats.
- Prioritized accessibility by reserving 15% of seats for individuals with disabilities, ensuring easy reservation and inclusivity for all users.

### Twitter Sentimental Analysis

[Project Repo](#)

- Spearheaded real-time sentiment analysis through data visualization on trending topics.
- Implemented a widely accessible API and executed a Python 3-based machine learning model using NumPy, Pandas, and Matplotlib.
- Achieved a substantial 20% accuracy boost in tweet classification, offering businesses and researchers augmented insights into public sentiment on social media.

### The Hungry Crab

[Project Repo](#)

- Created a captivating 2D arcade game compatible with Android and PC using Unity 3D, Blender, and C#.
- Crafted three captivating levels, inviting players to navigate intricate obstacles, conquer challenging hurdles, and amass points for a thrilling gaming experience.
- Secured cross-platform compatibility for widespread accessibility, leveraging Unity 3D, Blender, C#, and Adobe Photoshop CC.

## CERTIFICATIONS

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|---|------------|
| • Codepath Technical Interview Prep               | June 2024  |
| • Data Analytics and Visualization Job Simulation | July 2023  |
| • Lyft – Backend Engineering Job Simulation       | June 2023  |
| • AWS Cloud Practitioner                          | April 2022 |