**DATA ANALYST**

**Nithin Sudheer Narayanapuram**

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**SKILLS**

* **Programming**: Python, R, SQL, JavaScript, MERN Stack (MongoDB, Express.js, React, Next, Node.js)
* **Machine Learning & AI**: Model Development, Training, Evaluation
* **Statistical Analysis**: Data Analysis, Hypothesis Testing, Regression
* **Natural Language Processing (NLP): Text Preprocessing, Sentiment Analysis, Named Entity Recognition(NER)**
* **Database Technologies**: SQL Server, MySQL, PostgreSQL, MongoDB, AWS (S3, EC2), Application Deployment
* **Data Engineering**: Pandas, dplyr, SQL, Data Cleansing
* **Data Visualization**: Tableau, Power BI, Excel Dashboards, Matplotlib, Seaborn
* **Soft Skills**: Cross-Functional Collaboration, Business Requirement Analysis & Translation, Mentorship & Peer Development

**EXPERIENCE:**

**Software Engineer [MERN Stack Developer],** CodeFacts **May 2024 – Present**

* Architected and implemented scalable E-commerce web applications using the MERN stack, delivering high-performance solutions that Augmented user experience and optimized transaction flows. Led a cross-functional team, managing project timelines and deliverables, while mentoring peers and fostering a collaborative environment to ensure efficient project execution.
* Developed an AI model that converts voice data to text and detects entities, reducing data collection processing time by 30% and enabling quicker access to actionable insights using Natural Language Processing (NLP), thereby improving overall efficiency.

**Freelancer,** Freelancer.com **Jan 2024 – May 2024**

* Conducted data analysis that increased workflow efficiency by 40%, enhancing client satisfaction through faster project delivery and alignment with real-time market standards.
* Created interactive dashboards that accelerated data insights by 50%, empowering clients with immediate access to critical information for informed decision-making and ensuring compliance with current market trends.
* Deployed machine learning and deep learning models that boosted prediction accuracy by 30%, significantly enhancing client outcomes and aligning with the latest industry benchmarks for predictive analytics.

**Data Analyst intern ,**CodeSoft **Nov 2023 – Dec 2023**

* Analyzed data to identify trends that Elevated business process efficiency by 30%, demonstrating a commitment to continuous learning and industry standards.
* Constructed interactive Tableau dashboards that cut reporting time by 40%, improving decision-making and reflecting effort in the “Sales Optimization Initiative” project.
* Developed Python predictive models that strengthened forecast accuracy by 25%, illustrating dedication to using advanced analytics techniques for meaningful results.

**PROJECTS**

**NETWORK INTRUSION DETECTION SYSTEM –** [python, machine learning]

* Built an Intrusion Detection System for real-time threat analysis with machine learning.
* Reinforced model accuracy by 15% using data preprocessing and feature engineering in Python and Scikit-learn.
* Achieved 92% detection accuracy, enhancing security and reducing false positives.

**MUSIC STORE DATABASE ANALYSIS –** [Database management, SQL, PostgreSQL,]

* Executed SQL queries for sales analysis, streamlining inventory and increasing stock turnover by 20%.
* Normalized database schema and advanced query performance by 35%.
* Conducted data integrity checks, amplified transaction management, and ensured accurate financial reporting.

**EDUCATION**

**Computer Science and Engineering**, Anurag Engineering College **Nov 2020 – May 2024**

**CERTIFICATIONS**

* Accenture North America – Data Analytics and Visualization Job Simulation, Forage
* Data Analyst, IBM SkillsBuild
* Data Analytics Essentials, cisco
* Data Analysis with R Programming, Coursera