**N Niveditha**

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### **SKILLS**

* **Programming Languages:** Python, Java, SQL
* **Frameworks & Libraries:** Flask, FastAPI, TensorFlow, Pandas
* **Databases:** MySQL, SQLite, DynamoDB
* **Cloud & DevOps:** AWS (EC2, Lambda, DynamoDB), Docker, Jenkins
* **Big Data Technologies:** Apache Spark, Hadoop
* **Testing & Debugging:** PyTest, Selenium, JUnit
* **Soft Skills:** Analytical Thinking, Leadership, Effective Communication

### **EDUCATION**

**Birla Institute of Technology and Science (BITS), Pilani**

Bachelor of Engineering in Computer Science (2016 – 2020)

CGPA: 8.9

**XYZ High School, Hyderabad**

Intermediate in Science (2014 – 2016)

Percentage: 90.5%

### **EXPERIENCE**

#### **Software Engineer | Wipro Technologies | July 2020 – Present**

* Developed scalable RESTful APIs using Flask and FastAPI for financial applications.
* Designed data pipelines using Apache Spark to handle large-scale data processing.
* Implemented CI/CD pipelines using Jenkins for automated deployments.
* Integrated AWS Lambda functions for serverless computing solutions.

#### **Data Engineering Intern | Capgemini | Jan 2019 – June 2020**

* Assisted in building ETL pipelines for processing financial data.
* Optimized SQL queries to improve database performance.
* Created visualization dashboards using Tableau for business analytics.
* Automated data validation scripts using Python and Pandas.

### **PROJECTS**

#### **Real-time Fraud Detection System | Apache Spark, Flask**

* Developed a machine learning-based fraud detection system for online transactions.
* Used Apache Spark for real-time data stream processing and anomaly detection.
* Built an API with Flask to integrate with banking systems.

#### **Chatbot for Customer Support | FastAPI, NLP**

* Created a chatbot using FastAPI and NLP techniques to handle customer queries.
* Integrated with WhatsApp API for automated responses.
* Deployed using AWS Lambda and DynamoDB for scalability.

#### **Sentiment Analysis Tool | TensorFlow, Pandas**

* Designed a sentiment analysis system to classify customer reviews.
* Trained a deep learning model using TensorFlow for text classification.
* Built an interactive web application using Flask.

### **CERTIFICATIONS & ACHIEVEMENTS**

* AWS Certified Solutions Architect – Associate
* Google Cloud Professional Data Engineer Certification
* Winner of National Data Science Hackathon
* Published research on Fraud Detection Models at IEEE Conference

### **EXTRACURRICULAR ACTIVITIES**

* Member of the Artificial Intelligence Club at BITS Pilani
* Mentor at Women in Tech initiative
* Finalist in National Hackathon on Data Security