

# Mohit Sriram Narayana Nalluri

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## Summary

Computer Science graduate with hands-on experience in backend development, data analytics, and NLP. Skilled in Java, Python, SQL, and AWS, with proven ability to build scalable systems and derive insights from real-world datasets. Passionate about developing intelligent systems through machine learning and cloud-native solutions.

## Technical Skills

**Programming & Databases:** Python, Java, SQL (MySQL, PostgreSQL)  
**Data & ML:** Scikit-learn, Pandas, NumPy, Matplotlib  
**NLP & Transformers:** Topic Modeling, Sentiment Analysis, Hugging Face, BERTopic, FinBERT  
**Cloud and DevOps:** AWS (EC2, S3, IAM), Git, Linux, Docker  
**Backend Development:** Spring Boot, REST APIs, Maven, Thymeleaf

## Projects

### Intelligent AI System for Analyzing Financial News | Python, NLP, BERTopic, FinBERT

- Built an AI-driven system to analyze financial news, extracting key trends, sentiments, and potential crisis signals using NLP techniques.
- Used BERTopic for topic modeling to identify and categorize major financial themes impacting market conditions.
- Applied sentiment analysis with FinBERT to evaluate the tone and sentiment of financial news, detecting early signs of market shifts or crises.
- Designed a timeline-based method to track evolving news trends and identify sudden shifts in financial narratives.

### Student Management System | Java, Springboot, Maven, MySQL

- Developed a secure login system with Spring Security and role-based access control.
- Created modules for student enrollment, course management, and attendance tracking.
- Designed responsive interfaces with Thymeleaf for improved usability.

## Experience

### Edumoon

June 2023 – July 2023

Full Stack Developer, Intern

Visakhapatnam, India

- Developed a web-based Internship Management System using Java Spring Boot and MySQL, streamlining internship applications and tracking for students and recruiters.
- Implemented RESTful APIs for CRUD operations on internship data, integrating with front-end interfaces built using HTML, CSS, and JavaScript.
- Collaborated with team members using Git in an Agile environment, participated in code reviews, and performed unit testing with JUnit to ensure application reliability.

## Education

### Andhra University

April, 2025

Bachelor of Technology in Computer Science – CGPA: 8.21

Visakhapatnam, India

### Nitte International School

May, 2021

12th Science CBSE – 94.2 %

Bengaluru, India

### MP and EV School

May, 2019

10th Science CBSE – 89.4 %

Visakhapatnam, India

## Certifications

- Database Management System – NPTEL, September 2023
- Azure AI Fundamentals – MTA, October 2022
- Introduction to Programming using Python – MTA, June 2022