

Mohit Sriram Narayana Nalluri

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Summary

Computer Science graduate with hands-on experience in backend development, data analytics, and NLP. Proficient in Java, Python, SQL, and AWS, with experience in building scalable, data-driven applications. Passionate about developing intelligent AI solutions and cloud-native systems that solve real-world problems.

Technical Skills

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

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.

AI-Powered CloudOps Assistant | Python, FastAPI, PostgreSQL, AWS

- Built an AI assistant to manage AWS resources and queries using natural language.
- Processed AWS metrics, logs, and errors to answer user queries and provide real-time insights.
- Implemented safe automation for infrastructure actions (EC2, S3, Lambda) with user confirmation.

Student Management System | Java, Spring Boot, 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

Certifications

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