

ADARSH TALLA

Software Engineer

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Linkedin | **GitHub** | **HackerRank**

EDUCATION

Marri Laxman Reddy Institute of Technology and Management

Hyderabad, India

Electronics and Communication Engineering - Bachelor of Technology (B.Tech)

August 2019 - August 2023

CGPA: 8.06

EXPERIENCE

Societe Generale Global Solution Center | Software Engineer - Application Development

Chennai, India | April 2024 - Present

- Implement RESTful APIs to integrate third-party services and improve data accessibility
- Apply SOLID principles and design patterns to create robust, scalable code
- Actively participate in Agile processes, including sprint planning, daily stand-ups, and code reviews
- Write and execute unit tests to ensure code quality and prevent regressions

SKILLS

Programming Languages: Python, sql, C, Java

Libraries/Frameworks: OpenCV, Numpy, Javascript, React, Angular, Node.js, pandas

Tools / Platforms: Github, IntelliJ IDE, Visual Studio, Postman, Junit, PowerBI, Tableau

Databases: MySQL, MongoDB, PostgreSQL

PROJECTS / OPEN-SOURCE

Face Mask Detection | Link

Python, OpenCV, keras, Visual Studio, Pandas

1. Developed a high-accuracy face mask detection system with a 98% success rate using Python, OpenCV, Keras, Numpy, Scipy, and Pandas in Visual Studio.
2. Leveraged computer vision techniques to identify individuals wearing or not wearing face masks, contributing to public safety and health compliance efforts during the COVID-19 pandemic.
3. Implemented rigorous unit testing methodologies to ensure system reliability.

Mobile Banking Application

Java, Node.js, Javascript, Springboot, MySQL, Postman, React

- 1 Developed a RESTful web API using Spring Boot for a mobile banking application, enabling seamless mobile transactions.
- 2 Implemented CRUD operations for mobile banking transactions, providing efficient data management.
- 3 Created custom exceptions for error handling, enhancing application robustness and user experience.

Data Analysis on Zomato | Link

PowerBI, Excel, Python, Numpy, Matplotlib

- 1 Constructed an interactive Power BI report for Zomato to assess restaurant data across continents, countries, and cities, with drill-down capabilities.
- 2 Designed filters for geographical dimensions, services (online ordering/reservations), and average ratings, enabling detailed insights.
- 3 Identified restaurants with the highest ratings, lowest costs, and most cuisines served.

CERTIFICATIONS

- Deloitte Australia - Technology Job Simulation - **Forage**
- Facial Expression Recognition with Keras - **Coursera**
- Master Microservices with Spring Boot and Spring Cloud - IIHT.
- Vector Calculus for Engineers - **Coursera**