Sushith Shivananda Jhenkar

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EDUCATION

Master of Science in Computer Science   **Aug 2023 - May 2025**

Florida Atlantic University   Boca Raton, FL

Relevant Coursework: Deep Learning, Data Science, Artificial Intelligence   GPA: 3.66/4

Bachelor of Engineering in Computer Science and Engineering   **Aug 2017 - Aug 2021**

Visvesvaraya Technological University   Mysore, Karnataka

Relevant Coursework: Data Structures and Algorithms, Linear Algebra, Calculus, DBMS, Software design   GPA: 7.82/10

WORK EXPERIENCE

Tata Consultancy Services   **Aug 2021 – May 2023**

Assistant System Engineer   Chennai, India

- Applied Agile methodologies to enhance team collaboration and facilitate the delivery of robust, high-quality software solutions. This contributed to a 40% increase in project completion efficiency.
- Conducted comprehensive testing by examining user requirements, ensuring program functionality, and achieving a 98% performance success rate against established targets.
- Collaborated closely with a cross-functional team of developers and business analysts to gather testing requirements and design effective test scenarios for Citibank's data integration within the Salesforce platform.

IC Solutions   **Sep 2020 - Oct 2020**

Machine Learning Intern   Bangalore, India

- Conducted exploratory data analysis on a dataset of 10,000 automobile records and extracted relevant information for training a regression model.
- Presented findings and model comparisons, leading to the selection of the Gradient Boosting Regression model as the best fit due to its highest R-squared value and the lowest MSE, improving price prediction accuracy by 20%.

SKILLS

- Interest and Domain: ML Research, Data and Regression Analysis, Deep Learning, Software Development, Data Science
- ML libraries: TensorFlow, Matplotlib, Seaborn, and Scikit-learn
- Python *(Proficient in Data analysis, Machine Learning, and Automation.)*, R *(Statistical Analysis and Data Visualization)*
- Testing: Selenium WebDriver (Proficient in using Selenium WebDriver for automated testing)
- Salesforce Object Query Language (SOQL) *(Skilled in querying and retrieving data from Salesforce databases)*
- Extract Transform Load (ETL) Processing *(Capable in designing and implementing ETL processes for data integration)*
- Tools: Microsoft Suite, Linux, Git, MySQL

PUBLICATION

Covi-Assist: Automatic COVID-19 Detection from Chest X-Rays.   **Dec 2022**

- International Journal for Research in Applied Computer Science and Engineering Technology (IJRASET)

PROJECTS

COVID-19 Detection using Chest X-Rays

- Designed and developed a fully functional Computer Aided Detection (CAD) tool suitable to be used by Radiologists.
- Implemented a Deeply trained Convolutional Neural Network which differentiates healthy and infected chest X-rays.

Online Bakery Management System

- Crafted an intuitive and visually appealing user interface, enhancing user engagement and satisfaction.
- Developed a scalable backend system for order processing, reducing processing time and enhancing efficiency.

CERTIFICATIONS

- **ISTQB® Certified Tester, Foundation Level** | *International Software Testing Qualifications Board*   **Feb 2023**
- **SQL for Data Science** | *University of California, Davis*   **Sep 2019**
- **Python for Everybody** | *University of Michigan*   **April 2020**
- **Machine Learning Specialization** | *University of Washington*   *Oct 2020*