Sushith Shivananda Jhenkar

561-260-7215 • sshivanandaj2023@fau.edu • Delray Beach, FL• linkedin/sushithjhenkar • github/Sushithjhenkar • Portfolio

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.
- Examined user requirements and verified program functionality by achieving a **98%** performance success rate against established targets. Implemented system changes and communicated those effectively through written communication.
- Led requirement gathering for Citibank's data integration on the **Salesforce** platform, collaborating with **10+** business analysts and a cross-functional team of developers.

IC Solutions   **Sep 2020 - Oct 2020**

Machine Learning Intern   Bangalore, India

- Extracted insights from a dataset of **10,000** automobile records using **Python** and **Scikit-learn** to train a regression model.
- Exhibited articulate presentation findings and model comparisons, improving price prediction accuracy by **20%**.

EDUCATION

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

Florida Atlantic University   Boca Raton, FL

Relevant Coursework: Software Engineering, Artificial Intelligence, Algorithms, Cloud Computing   GPA: **3.81/4**

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

Visvesvaraya Technological University   Mysore, Karnataka

Relevant Coursework: Data Structures and Algorithms, Operating System, DBMS, Software design   GPA: **7.82/10**

SKILLS

- **Interests and Domains:** Software Development, Backend Development, ML Research, Agile Software Development Life Cycle, Communication Skills, CI/CD
- **ML Libraries:** TensorFlow, Matplotlib, Seaborn, Pandas, Numpy, Scikit-learn
- **Programming Language**: Python*(RESTful APIs, Machine Learning, FastAPI, OAuth2, JWT, Automation.)*, C, C++
- **Web fundamentals**: HTML, CSS, JavaScript, React
- **Database**: SQL , SOQL, MongoDB, PostgreSQL, Extract Transform Load (ETL), Alembic Migration
- **Cloud Services**: Google Cloud Platform (GCP Cloud Run, Cloud Storage, IAM, Cloud Shell, Firebase)
- **Testing**: Test automation, Unit Testing, Selenium Web Driver (Java), Test Driven Development
- **Tools**: Microsoft Suite, Linux, Git, Jupyter Notebook, Docker, Swagger, Postman, Jira, Agile Requirement Designer

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

Food Waste Management System

- Streamlined the process of donating excess food for those in need.
- Developed a comprehensive system with donors and volunteers with integrated map API's for navigation functionality.

SkyView – Photo Gallery in the cloud

- Developed a scalable photo gallery app with Google Cloud, enabling user authentication and image uploads.
- Achieved 90% accuracy in metadata generation using Google's Gen AI.

PUBLICATION

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

- Published in IJRASET; research focused on deep learning techniques for automated radiological diagnosis

CERTIFICATIONS

• Python for Everybody | Machine Learning Specialization | SQL for Data Science