

# Sushith Shivananda Jhenkar

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## WORK EXPERIENCE

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**E-470**

**June 2025 - Present**

*Software Developer*

Colorado, US

- Supporting the development and maintenance of **E-470** Tolling Systems, built using ASP.NET MVC and SQL Server.
- Collaborating with cross-functional teams to implement features involving toll logic, billing workflows. Developing and debugging web services to integrate external toll systems.
- Working with SQL stored procedures, LINQ queries, and Entity Framework Core to manipulate and query toll data efficiently

**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. 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

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**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: **3.83/4**

**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

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- **Interests and Domains:** Agile Software Development, .NET, ASP.net, EF Core
- **Programming Language:** Python, C#
- **Web fundamentals:** HTML, CSS, JavaScript
- **Database:** SQL, SOQL, 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)
- **Tools:** Microsoft Suite, Linux, Git, Docker, Swagger, Postman, Jira, Visual Studio, SSMS

## PROJECTS

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**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.

**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.

## CERTIFICATIONS

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- Python for Everybody | Machine Learning Specialization | SQL for Data Science | Foundational C#