

Shilpa Venkata Reddy

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EDUCATIONAL EXPERIENCE

The University of Texas at Dallas

Master of Science, Information technology and Management

August 2021 - June 2023

3.447 GPA(US)

SJB Institute of Technology, VTU affiliated

Bachelors in Electronics and Communication

June 2014 - May 2018

CERTIFICATIONS

Google Data Analytics | BA with R (basic and Intermediate) | Data Visualization Storytelling- LinkedIn learning | PMI Agile Certified Practitioner (PMI-ACP)®

TECHNICAL SKILLS

Programing Languages: Python, R, Java, C, C++, MySQL, WEBMETHODS, Manual and Automation Testing

Domain Knowledge: Data Visualization, System analytics & Project Management, Machine Learning, Advance Statistics

Tools: Tableau, Anaconda, Excel, RStudio, PowerBI, Selenium, Eclipse, Jenkins(CI/CD), Jira

PROFESSIONAL EXPERIENCE

TEKsystems, Bangalore, India - *Software Developer*

January 2020 - July 2021

- Involved in development and enhancement of flows and Developed **Business Process Models (BPM)** using Software AG designer 9.9 and unit testing which resulted in 60% optimization.
- Rewarded **"HEART"** Award for 24*7 availability around the clock and reliability. **Awarded and recognized** for development Trading Network Migration and 98% on time delivery.
- Performed migration on Software AG product from 9.9 to 10.3 version to quantify the results.
- Adapted **Agile** Methodology to achieve project deliverables with quality code with 100% project delivery on time and Worked on **Audit reports** for the financial year 2020-21.
- Mentored a group of **5 interns** on Webmethods Technology which resulted in the overall 90% increase in the software development time.

ATOS Global IT Solutions and Services Private Limited, Bangalore, India

Associate Engineer

July 2018 - December 2019

- Involved in **Jenkins** configuration, **deploying** the builds, configuration files, packages in UAT and PROD Environment with 100% code coverage.
- Worked on **Patching Activity** during the new Software Upgrades and had a 95% success rates.
- Gathered the **business requirements** from the clients and prepared the integration document which resulted in better customer interaction.

ACADEMIC PROJECT EXPERIENCE

Walmart Retail Data Analysis- Tableau- Data Visualization

November 2021

- This Project Deals with Walmart Data Reading, Manipulating, Filtering, Searching and Analysis. Also provides a Dashboard to visualize information.
- Age vs profit Analysis with an interactive "Age bin size" parameter which allows the User to access any age range and fetch the result accordingly.

V2V communication Using Adhoc Networks, B.E.

January 2018 - March 2018

- Traffic control, Collision Avoidance and Congestion control Using Sensors and Microcontroller 8051 Programing.

Home Automation System, All Power Generators, B.E.

May 2016 - August 2016

- Home Alert Systems** for safety using Laser and IR sensors. **Automated streetlight** operations according to the daylight. **Generating Electricity** using Speed Brakers, Piezoelectric sensors which mainly produces electricity by the mechanical stress applied on it.

COMPETITIONS, LEADERSHIP AND ORGANIZATION EXPERIENCE

Marketing Officer ,INFORMS at UT DALLAS

Feb 2022 - Present

Event Organizer, SJBIT, Dept of ECE

IETE Sponsored National Conference Paper Presentation on **"Collision Control and Collision Avoidance in Vehicular Network"**.

April 2018 - May 2018