

# SHREYANSH RAJ

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## EDUCATION

### Master of Science in Computer Science (MS CS)

August 2023 - May 2025

Ira. A Fulton School of Engineering, Arizona State University, Tempe

### Bachelor of Technology in Information Technology (B. Tech in IT)

August 2014 - September 2018

Maharaja Agrasen Institute of Technology, New Delhi, India

## PROFESSIONAL EXPERIENCE

### System Engineer

May 2022 - July 2023

Tata Consultancy Services Limited, New Delhi, India

- Led a team responsible for solving SAP ABAP related bugs, conducting KT sessions with different partners and implementing efficient solutions as per the requirements
- Investigated defects and implemented adequate solutions within the promised deadline.
- Designed solutions for the client's business requirements and coordinated with different teams, such as SAP GRC, SAP Authorization, Application development, and functional consultant.

### Senior System Engineer

January 2019-May 2022

Infosys Technology Limited, Pune, India

- Developed Function Modules (FM), CDS views, and Reports-Classical, ALV, and Object-Oriented reports.
- Designed Idocs, BAPIs, enhancements including User exits and BADIs, Smart forms and Adobe forms, CDS views, and module pool programming.
- Spearheaded a BDC conversion program to perform CRUD operations on Project and WBS hierarchy, resulting in over **90%** reduction in time spent compared to manual methods.
- Automated the process of performing post-development checks, such as Extended Program Check (EPC), consistency checks, on all the tasks present inside the transport request and exported the results to an excel sheet. The tool saves over **20%** of project hours spent earlier on the manual task.

## LEADERSHIP EXPERIENCE

### Infosys Limited, Pune

- Led a team of 10 developers to develop an SAP automation tool, which reduced over **20%** of the time spent in post-development coding checks.

## PROJECTS

### CAB TRAJECTORY VISUALISATION USING D3.js Library

February 2024 – May 2024

- Engineered and developed a machine learning program to analyze two months of cab trajectory data, predicting popular pickup locations and frequently traveled road segments within specific time and date ranges.
- Utilized the D3.js library and Google Maps Directions API to create data visualizations of popular cab routes, aiding city administration in enhancing traffic infrastructure.

### PERSONALITY ANALYSIS USING HANDWRITING

October 2017 – March 2018

- Engineered and developed a machine learning program to analyze a writing sample and determine the writer's personality.
- Leveraged the Convolutional Neural network (CNN) to achieve the objective.
- Utilized Java-based libraries, such as Weka, with heavy GUI emphasis and MATLAB packages.
- Generated personality profile result with over **90%** accuracy

## SKILLS AND INTERESTS

- **Certifications:** Python for Everybody Specialization (Coursera)
- **Programming Languages:** Python, Java, Clingo, Postgres, SQL, SAP ABAP, HTML, CSS
- **Libraries/Framework:** ReactJs, Angular, D3.js