

Yash Awaghate

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EDUCATION

Rochester Institute of Technology

Rochester, NY

Master of Science in Computer Science

Aug. 2023 – Dec. 2025

GPA: 4.0 **Scholarship:** 40% **Coursework:** Foundations of Algorithms, Foundation of Artificial Intelligence, Introduction to Big Data, Computation Geometry.

Currently Grader and Tutor for CS Theory And Algorithms

Bajaj Institute of Technology

India

Bachelor of Technology in Computer Engineering

Aug. 2017 – May. 2021

PROFESSIONAL EXPERIENCE

Apps Associates (I) Pvt. Ltd

Hyderabad, India

Associate Consultant

Sep 2021 – May 2023

- Orchestrated complex Data Analysis projects, over 30+ complex OTBI and BIP report customizations, leveraging SQL to surpass project objectives.
- Managed the migration of critical data through the use of FBDI, Spreadsheets, and PL/SQL packages, ensuring the 100% integrity of data and seamless system integration.
- Pioneered 5 instrumental reports empowering in-depth revenue management analysis for future corporate deals, thereby boosting project delivery efficiency by 10%.
- Developed expertise in Oracle Fusion modules, optimizing operational workflow in 4 key areas: Collections, General Ledger, Receivables, and Payables.
- Collaborated with senior consultants on high-priority tasks, contributing to a 100% on-time delivery rate for production environments while upholding data integrity through cross-functional teamwork.
- Developed and implemented Unix/Linux shell scripts to automate redundant and time-consuming tasks, significantly reducing manual effort and increasing overall productivity
- Actively participated in Agile Teams, delivering high-quality results, fostering collaboration, and adapting to changing requirements, resulting in increased customer satisfaction.
- Awarded for pivotal contributions to a major project, resulting in a substantial decrease in client-related issues.

PROJECTS

Natural Language Interface for Databases | *Python, TensorFlow, Word2Vec, SQL, Git*

Sep 2020 – Mar 21

- Engineered an NLP system in Python, utilizing TensorFlow and advanced Bi-LSTM models to translate natural language queries into SQL, increasing query accessibility by 50%.
- Employed Word2Vec for generating word embeddings, improving query context understanding with 30% higher accuracy compared to traditional methods.
- Developed interactive data visualizations using matplotlib for enhanced exploration of query results.
- Led a collaborative development environment using Git, resulting in a 15% increase in productivity and a 20% reduction in code integration issues.

Road Sign Recognition | *Python, OpenCV, TensorFlow, CNN*

Feb 2019 – May 2019

- Assembled and annotated a dataset of 1,200+ images of Indian road signs to improve training accuracy for machine learning models.
- Deployed a Convolutional Neural Network (CNN) using TensorFlow and OpenCV on a Raspberry Pi for real-time road sign detection, achieving a 20% increase in processing speed.
- Integrated Google's Vision API to enhance recognition capabilities, particularly for obscure and partially obstructed signs.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), PLSQL, JavaScript, HTML/CSS, R, React, Node.js.

Developer Tools: Git, Docker, SAP, GCP, Power BI, Tableau, Unix, Shell Scripting

Libraries: pandas, NumPy, Matplotlib