

# KAVYA SUDHA KOLLU

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## EXPERIENCE

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**Accenture** - Application Development Associate | **Java, React JS, MySQL, Salesforce** Sep '20 – Aug '21

- Provided interface between client data and Oracle applications like Master Data Management, Demantra and Enterprise Data Quality.
  - ✦ Updated client data in Demantra thrice per day from Enterprise Data Quality through SQL procedures; Reduced outliers reduced from **38%** to **2%**.
- Collaborated with other teams to build a new version of Oracle application using Java; Developed an interactive UI in React and communicated with clients at regular sprints.
  - ✦ Made observations on training datasets for 3 sprints and deployed on test data; Improved sales forecasting accuracy by **20%**.
- Enabled automated sales data forecasting by updating SQL procedures and functions to accurately predict sales by **50%**.
- Monitored daily sales and updated the client database to generate reports for the production team.
- Resolved high priority client tickets and updated status of the tickets on Salesforce.
- Updated clients about the project status during monthly meetings and resolved client issues promptly.

## EDUCATION

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**George Mason University** - Master's in computer science | **GPA 3.88** Aug '21 - May '23

- Working as a Graduate Teaching assistant for Introductory and object-oriented Python course.

**Jawaharlal Nehru Technological University** - Bachelor of Engineering in Computer Science | **GPA 3.90** Aug'16 - Aug '20

- Worked as a lab assistant for programming labs like C, Java.
- Worked as a teaching assistant for Database management course.

## TECHNICAL SKILLS

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- **Programming:** Python, Java, C, Android Studio, JavaScript, R
  - **Machine Learning Libraries:** Pandas, NumPy, Sklearn, TensorFlow, Pytorch.
  - **Web Technologies:** React JS, HTML5, CSS, XML, REST API, Bootstrap, jQuery, Angular
  - **Tools:** Visual Paradigm, Wireshark, Data visualization (Tableau).
  - **Certifications:** Certified ServiceNow Application Developer (20401454)
  - **Database Systems:** Oracle DB, MYSQL, SQLite

## PROJECTS

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### Generating Monet style images using Neural networks

*Technologies used: Neural networks, Keras, TensorFlow*

- Created Monet style images for photo images using **neural networks (GAN-Generative Adversarial Networks)** with **TensorFlow** and **Keras** to trick classifiers into believing that a true Monet is created.
- This was Kaggle competition where we ranked 19 on public score standings.

### Information Retrieval using Vector Space Model

*Technologies used: Python, NLTK library*

- Implemented a suitable mechanism to identify stop words and use them effectively in each context to complete the information retrieval through the Vector Space Model using **Python, NLP library and data mining concepts**.
- Accurately assessed sentiment between two words measured using cosine similarity.