Sravani Suravajhula

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Education	**Masters in Computer Science**	*Aug 2019 - Present*
	University of Texas Arlington, *Arlington, Texas*	
	Bachelors in Electrical and Electronics Engineering	
	Raghu Engineering College, *Visakhapatnam, India*	*Sep 2012 – Apr 2016*
	Focus areas: Digital Systems	
	Pre-University with Physics, Chemistry, Mathematics	
	Narayana Junior College	

Work Experience

Prithvi Information Solutions, *Hyderabad, India*

Senior Software Engineer, Oracle Applications   *May 2018 – May 2019*

- Developed a Supply Chain Dashboard using OAF, Java and Pl/Sql that provides visibility of Supply/Demand
- Designed and developed a Cross Model solution that validates the option combinations in a sales order without manual intervention which reduces the Quality costs by 30%
- Designed and developed a spreadsheet interface which allows users to create/update Sales Orders

Software Engineer, Oracle Applications   *Dec 2016 – May 2018*

- Increased the capability of the Client's ERP system tenfold to perform one million transactions every two hours
- Designed a real-time software communication link between the supplier and the procuring organization with real time access to raw material
- Rewrote the item import application by migrating it from the existing web app to Oracle applications

Skills

Languages: C, Java, Python, HTML, SQL, PLSQL
Tools: Eclipse, Visual Studio, SQL Developer, NetBeans
Interests: Artificial Intelligence, Database Systems, Information Retrieval

Projects

1. Implemented b+ tree insertion and deletion operations for database management system MINI-Base

2. Built a UTA Facility reservation System to understand software development, design, test and code along with agile development methodologies.

3. Generating Feature vector and ML models to produce use cases from requirements by using machine learning algorithms such as WEKA and AUTO-WEKA and apply different design patterns to improve its efficiency

4. Created Office hours schedule using Threads, Deadlocks and Starvation

5. Created a drawing area application using different design pattern to overcome some limitations

Extra-Curricular Activities

Photography, Swimming, Badminton and Chess