

Sravani Suravajhula

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Education

Masters in Computer Science

University of Texas Arlington, *Arlington, Texas*

Aug 2019 - Present

Bachelors in Electrical and Electronics Engineering

Raghu Engineering College, *Visakhapatnam, India*

Focus areas: Digital Systems

Sep 2012 – Apr 2016

Pre-University with Physics, Chemistry, Mathematics

Narayana Junior College

Work Experience

Prithvi Information Solutions, *Hyderabad, India*

Senior Software Engineer, Oracle Applications

May 2018 – Jun 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