

WORK EXPERIENCE

Sr. Developer

Oct 2017 - Present

Cognizant Technology Solutions, Bengaluru

- Implemented Scheduling and Execution for plant manufacturing using Siemens Preactor that enables user to generate plans for each physical machines considering the soft and hard constraints.
- Hands on Amazon web services to provide an end to end solution for Siemens Preactor, providing a DevOps solution to users for hassle free movement of new features from Development till Production.
- Implemented Supply Chain Solution for LEGO using Blue Yonder ESP, IO – A manufacturing solution that provides a clear view of how demand and supply are related throughout the supply chain.
- Developed Shell Scripts, PL/SQL Procedures, XMLs used for Daily Batch Processing of JDA Supply Chain Implementation.
- Worked on JDA Modules as JDA Platform, JDA Enterprise Supply Planning, JDA Order Promiser and JDA Inventory Optimization.
- Designed Automated Batch using CTM (A tool for Automating Batch for the process) for Strategic, Operational and Tactical Planning of the Supply Chain.
- Reducing Human Effort by 60% by scripting automation for Application Restart, Batch Reporting, Active Alerts, CTL File Generation, Materialized View Creation/Refresh, Ad hoc Execution.
- Reducing effort and complexity for end users by AWS to provide release notes, dashboards and automated reports on emails to validate regular deployments, data integration issues and batch updates.

PROJECTS

Clasick-A Classroom App

- Android application to provide an interaction space to teachers and students in order to exchange different types of knowledgeable contents such as Notes, Doubts, Documents.

Smile Foundation India

- Android application for NGO Smile Foundation to connect with people around the world using regular feeds about their work towards society.

Filmy-Your Movie Guide

- Android Application for Movie Lovers, Open sourced project on GitHub with more than 650 stars.
- Uses the Best Practices and APIs as SQLite, Unit Testing, Content Providers, Cursor Loaders, Volley, Glide, JSON Parsing, etc.

Scout

- A Natural Language processing project which processes an e-mail search language and provides the necessary information (such as Sender, Receiver, Subject, Has Attachment, Attachment Type) from input to search an email.
- Uses IBM Watson Machine Learning for Natural Language Processing.

Tic-Tac-Toe

- An unbeatable Tic Tac Toe game with reliable artificial intelligence implemented in C++.
- An advanced opponent which chooses it's every move optimally using the min-max algorithm and can never lose against a player guaranteed.

Coders-Calculator

- An Android application to provide mathematical functionalities to coders. Enabling them to perform various mathematical operations from a single application considering design pattern to add new operations easily going forward.

SKILLS

Programming Languages	C, C++, Shell, Java
Web Technologies	HTML, CSS
Database	PL/SQL(Oracle)
Graphic Design	Adobe Photoshop, Adobe Illustrator
Operating System	Linux and Mac
Cloud Services	Git

EDUCATION

SRM University B. Tech in Computer Science CGPA – 8.73	Chennai, T.N May 2017
Satyam International School XII CBSE-AISSCE Percentage – 76	Patna, Bihar Mar 2013
Vikas Residential School X CBSE-AISSE CGPA – 8.8	Ranchi, Jharkhand Mar 2011

TECHNICAL EXPERTISE

- Data Structures and Algorithm
- Database Management System
- Problem Solving
- Design Pattern

AWARDS & RECOGNITION

- **Winner of Google Hackathon** held at LNMIIT Jaipur.
- **First in India of Appathon** of CodeFest'16 held at IIT-BHU.
- **Winner of Photo Flexer 2.0** of Cybonito'15 held at SRM University.
- **Winner of Appathon** of TechFest'17 held at IIT-BHU.

HELPFUL LINKS

GitHub	https://github.com/salroid
LinkedIn	https://www.linkedin.com/in/salroid
Hackerearth	https://www.hackerearth.com/@salRoid
Codechef	https://www.codechef.com/users/salroid
Play Store Profile	https://play.google.com/store/apps/dev?id=4697850927188738807