Sajal Gupta
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https://github.com/salroid
Programming Languages
C, C++, Shell, Java
Oracle PL/SQL

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, XML's 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.
- Reduces time effort and complexity of end users by AWS to provide release notes and automated reports on emails to validate regular deployments 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-Calc
- 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	Chennai, T.N
B. Tech in Computer Science | CGPA − 8.73	May 2017
Satyam International School	Patna, Bihar
XII CBSE-AISSCE | Percentage − 76	Mar 2013
Vikas Residential School	Ranchi, Jharkhand
X CBSE-AISSE | CGPA − 8.8	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