

ROHAN ANAND

Software Engineer

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EXPERIENCE

Member Of Technical Staff

Oracle India Pvt. Ltd.

📅 Sept 2020 – Present 📍 Bangalore

• Agent Fleet Upgrade

- **Reduced workflow state size** to resolve memory issue in monitoring service by revamping the Agent Fleet Upgrade Workflow across all the Database-as-a-Service shapes .
- Made **improvements in scan time** of resources needing upgrade by changing workflow implementation from DbHost level to DbSystem level.
- Introduced new state parameters and configurable parameters to **control the host upgrade workflow count** and **reduced wait time** between fleet upgrade workflow steps.
- Added the support to skip agent upgrade for particular tenants in a cloud region.

• Pluggable Database (PDB) LifeCycle Management

- Designed **Workflows** and **APIs** working with **JAVA** and **JUnit** for Pluggable Database Lifecycle Management in Dataguard environment for ExaCC on OCI.
- Reduced the **sync time** for PDBs created on Standby Databases from **30 minutes to less than 5 mins**.
- Added the integration tests for PDB creation and deletion in Dataguard environment on ExaCC.

• Database Major Version Upgrade

- Designed **Workflows** and **APIs** working with **JAVA** and **JUnit** for Database Major Version Upgrade for ExaCC (example: Upgrading from database version 12c to 19c) .
- As a Member of Technical Staff, in addition to working on new feature, also worked in on-call rotations, created and maintained on-call runbooks, added compatibility for new agent version format for all DBaaS shapes, administered monthly new agent rollouts for ExaCC shape and improved existing features associated to ExaCC service of OCI .

Interim Engineering Intern

Qualcomm India Pvt. Ltd.

📅 May 2019 – Jul 2019 📍 Hyderabad

- Expanded the compatibility of prior Snapdragon camera Automation application to make it reusable with future updates.
- Automated the testing of provided 27 third party camera application accompanied with generation of a status report.
- Significantly reduced the manual work involved in testing the camera stability and upgrading the existing automation application for Camera APT team by around 95 Percent.

EDUCATION

B.Tech in Electronics and Communication Engineering

IIT ROORKEE

📅 2016 – 2020 📍 Roorkee, Uttarakhand

- CGPA: 7.112/10

Senior Secondary (CBSE Board)

K V No. 2 Gurgaon Road, Delhi Cantt

📅 2016 📍 New Delhi

- Twelfth: 94.4/100 (percentage)

SKILLS

C++

Java

JavaScript

Rest APIs

SQL

MongoDB

HTML

CSS

Git

OOP

Data Structures and Algorithms

PROJECTS

Stonks

🔗 [Code link](#)

🔗 [Project link](#)

- STONKS is a web application made using MERN stack to track stock market investments.
- User can add BUY/SELL transactions, view last 5 user transactions, remove a stock from portfolio and view the investment overview.
- Using 3d party APIs to fetch the accurate market data.

GameZone

🔗 [Code link](#)

🔗 [Project link](#)

- GameZone is a web application having multiple games like snake game, tic-tac-toe, chrome dinosaur game etc. created using html, css and javascript.
- All the games are desktop and mobile compatible.