ANKITA SALUNKE

Mobile No. 9834437646

Email: [amsalunke22@gmail.com](mailto:amsalunke22@gmail.com)

LinkedIn: [linkedin.com/in/ankita-salunke-b15833167](https://www.linkedin.com/in/ankita-salunke-b15833167)

# SUMMARY

* 2.5 years of hands-on expertise in software engineering with a focus on C, C++,multithreading,STL,SQL,Mainframe,Python,Linux,OOP,datastructures,andembeddedsystems.
* Implemented advanced multithreading techniques to enhance application performance and responsiveness.
* Proficient in utilizing STL and data structures to design elegant and high-performance algorithms.
* Experience in writing Complex SQL queries, debugging query, optimize query, functions, stored procedure as per the situation needs, and generate reports for the same further used in data visualization tools such as powerBI, Tableau.
* Worked on Writing and debugging Unix shell scripts as per to accommodate new requirements and fixing log errors

# WORKEXPERIENCE

## L&T TECHNOLOGY SERVICES

APRIL 2023-Now

## ADE TRAFFIC SIGNALING.

* Designed SQL database schema to store aircraft details, including flight numbers, destinations, current locations, and timestamps
* Developed C/C++ functions to interact with the database, enabling seamless insertion, retrieval, and updating of air craft information.

## KRYPTON (INTEL)

SEP 2022-MARCH 2023

## AC-ADP FPGA BOARD

* Created Python scripts to automate the testing of various functionalities of the AC ADP FPGA board, ensuring its reliability and performance.
* Utilized CentOS Linux server as the testing environment, providing a stable and consistent platform for executing the Python scripts.
* Created a comprehensive user manual that provides step-by-step instructions on how to conduct board testing, interpret test results, and handle the ACDAPFPGA board.
* Implemented robust error-handling mechanisms in the Python scripts to gracefully handle unexpected errors and exceptions during the testing process

## TCS(CREDITSUISSECLIENT)

APRIL 2021-AUG 2022

## ITIS\_AMS\_MAINFRAME\_DB2

* Worked on Mainframe systems, to ensure the batch is running smoothly for two regions ensuring stability and resolve errors arising
* Handled a team of 3 people to oversee their work and assist them in need
* Utilized C programming to create and enhance tools that streamlined operational tasks, contributing to overall efficiency.
* Developed and optimized SQL queries to enhance data retrieval and reporting.
* Automated daily activity tracking systems, reducing manual work load and minimizing errors

# EDUCATIONAL DETAILS

## B.E (ELECTRONICS AND TELECOMMUNICATION).

2017-2020

## WALCHAND INSTITUTE OF TECHNOLOGY SOLAPUR.

# Skills

* Embedded C Oracle
* C++
* Linux
* SQL
* Python
* Multithreading & STL
* Data structure & Algorithm

# TOOLS

* Tectia
* CentOS 8
* Keil 5
* Microsoft SQL Server
* Visual Studio Code 2022
* Putty
* WSL
* Pycharm
* MS SQL Server Management Studio 18
* Clion 2023 1.5

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