# Raja Ram Sharma

Bangalore, India

 J (+91) 920-557-4290
 ■ Rajaramsharma422@gmail.com
 in ArbitCode
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## **EDUCATION**

## Bachelor of Technology in Computer Science

Aug. 2017 – May 2021

 $Galgotias\ University$ 

Uttar Pradesh, India

#### Relevant Coursework

• Data Structures

- Database Management
- Computer Network

- Algorithms Analysis
- Operating Systems
- Systems Programming

## TECHNICAL SKILLS

Languages: C/CPP, Python, Java, SQL Library: BOOST, thrift, Google Test

Developer Tools: Visual Studio, Remote Debugger

Technologies/Frameworks: Data Protection, Node, Git, Virtualization, Database (PostgreSQL, MongoDB), REST

API

Operating System: Linux, Windows, Mac

# EXPERIENCE (4+ years)

# IBM ISDL - Redhat — Backend Software Engineer

Oct 2024 - Current

C/CPP, Python, Object Storage, Open-source contribution

Bangalore, India

- Working on RGW (Rados Gateway) of CEPH provides a storage service with object, block and file interfaces from a cluster built from commodity hardware componenets.
- Implemented API in C/C++ to remove client ID from the list of client IDs in IAM OpenID Connect (OIDC) provider and added testcase in Python.

# OpenText — Software Engineer I

Nov 2021 - Oct 2024

C/CPP, Java, Perl, Multithreading

 $Bangalore,\ India$ 

- Worked with features development team of **Data Protector** i.e. A Cross Platform Enterprise Data Backup & Recovery Solution. Contributed on Virtualization(**VMware**, **H3C CAS**) and database (**PostgreSQL**) integration module. Product take backup and restore of virtual machines, databases.
- Lead **Granular Recovery** for virtual machine backups from design to implementation. Written **C/C++** code using **OOPs Concepts** inheritance, Polymorphism, Singleton **Design Pattern**, **Multithreading**. Load shared dynamic Library and retrieved function's symbol using **function pointer**. Memory Management using **smart pointers**.
- Write modular, secure, and well tested code in C/C++, JAVA and Perl script as per features requirement.
- Fixes 90+ loopholes and 45+ feature bugs related customer escalated incident.

# TEAMLEASE SERVICES LIMITED — Software Engineer

Feb 2021 - Nov 2021

Java

Gurgaon, India

- Worked with Team that provide solution for Credit Management and Recovery to American Express.
- Worked on MuleSoft's Anypoint Plateform using its connector implemented API to transfer files from SFTP to S3 storage and if new file uploaded or modified existing file on SFTP than send automated mail.
- Worked on AWS services like Lambda, S3, and dynamodb to provide solution for data transfer and monitoring.
- Collaborated with team members using version control systems such as SVN to organize modifications and tasks on JIRA.

## **PROJECTS**

# Ticket Price Calculator App | Java, Android Studio

January 2021

- Created an Android application using Java and Android Studio to calculate ticket prices for trips.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

#### Transaction Management CLI | CPP, Visual Studio Code

October 2020

- Designed a sample banking transaction system using CPP to simulate the common functions of using a bank account.
- CLI Based application supports actions such as creating an account, deposit, withdraw, list all acounts, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.