

JAYALAKSHMI

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Professional Summary

- **Software Developer** with **2.5+ years** of experience at **EdgeVerve**, specializing in optimizing core banking and treasury operations within the **Finacle Suite**. Proficient in **C++, SQL, and unit testing**, ensuring high coding standards while enhancing **system efficiency and user experience**. Experienced in developing and maintaining **Finacle Treasury solutions**, focusing on risk management, trading automation, and operational efficiency.

Experience

EdgeVerve Systems Limited

Jan 2025–Present

Product Developer

Bangalore, India

- **Developed, enhanced, and troubleshooted** many features within the **Finacle Treasury** using **C++**, adhering to **SOLID principles** and established coding standards to ensure maintainable, **well-documented**, and efficient code.
- Developed Line of credit deal for The **Finacle Treasury**, Did **HLD and LLD** of the Enhancement covering all the possible edge cases.

Associate Product Developer

Oct 2022–Jan 2025

- Did the screen changes by using **XAML** for Smart client and also did screen changes by using **HTML, CSS and Javascript** in the front end.
- Developed standardized **C++ unit test** templates using **Catch2** for the developed classes, achieving **100% coverage**, Authored **30+ test cases**.
- Effectively interacted with relational databases (**PostgreSQL, Oracle**) using **SQL** for data retrieval, manipulation, and persistence.
- Leveraged **C++** to optimize core banking functionalities, significantly improving efficiency and user experience.
- Maintained clean code base with **Git/GitLab** through code reviews and debugging while enhancing system throughput.

Projects

Task Manager Project

Feb 2022–Jul 2022

HTML, CSS, Javascript, Flask, sql

- Task Manager app is simple and efficient to help users to manage their daily tasks
- It allows users to add, edit, delete, and mark tasks as complete and it includes user authentication to ensure personalized task management.

Cryptography Project

june 2021–oct 2021

VHDL

- Fast, Secure and Efficient Vedic Approach for Cryptographic Implementations on FPGA.
- Cryptography is a method of protecting information and communications through the use of codes, so that only those for whom the information is intended can read and process it.

Technical Skills

Languages: C++, SQL (Oracle/Postgres), HTML/CSS, JavaScript, Python

Developer Tools: Git, Jira, Gitlab, VS Code, Visual Studio Enterprise, Putty, IntelliJ, Eclipse

Other Skills: Data Structures and Algorithms, Linux, Unit Testing, SOLID Principles, Design Patterns, Object-Oriented Programming (OOPs), LLD, Communication, Teamwork, Problem-solving

Achievements & Awards

- Collaborated with cross-functional team to successfully launch **Line of credit Deal**.
- Developed a digital registration system for events, reducing paperwork and streamlining the process for over 1k participants.

Education

Chaitanya Bharathi Institute of Technology

Aug 2017–oct 2021

Bachelor of Engineering in Electronics and Communication

7.6 CGPA