

VIVEK CHAUHAN

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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

Bengaluru, India

- Implemented **socket programming** to enable **SSL/TLS 1.2 encryption** for secure communication of host messages between **Finacle Treasury** and **Finacle Core Banking Solutions**, enhancing data security and compliance.
- **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 Back-To-Back Trade Deals for The Finacle Treasury, Did **HLD and LLD** of the Enhancement covering all the possible edge cases.

Associate Product Developer

Oct 2022 – Jan 2025

- Led migration from **Rogue Wave** by **developing custom C++ classes** (string, date, time, timezone, locale handling), **reducing licensing costs**.
- 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 codebase with **Git/GitLab** through code reviews and debugging while enhancing system throughput.

Projects

Cric Info Web Scrapping Project

Feb 2022 – Jul 2022

HTML, CSS, Javascript

- Team and Matches information have been downloaded using **axios npm library** on **Node js** and every team individual match table has been saved in pdf format
- Dependencies used in the project were **minimist, jsdom, axios, excel4node, pdf-lib, path library**.

Hackathon Web Automation Project

Nov 2021 – Jan 2022

HTML, CSS, JS, Nodejs, VS Code

- A project has been created using **Java Script** for performing automated task of logging in to adding moderators to all the contests from a different config file have all the required credentials
- Dependencies used in the project were **puppeteer** and **minimist** libraries.

Technical Skills

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

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 teams to successfully launch BackToBack Deals
- **HULT 2020 Winner:** Secured 2nd place as team, led by me, and nominated to represent my university in the regional At the HULT Regionals Dubai among other university teams from all over the world [B.Engg]

Education

Guru Tegh Bahadur Institute of Technology

Aug 2017 – July 2021

Bachelor of Engineering in Electronics and Communication

7.6 CGPA