

# Apoorva C E

Bengaluru, Karnataka | apoorvace00@gmail.com | 6363223535 | LinkedIn | GitHub | Portfolio

## Profile Summary

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Result-driven full-stack developer with 1+ years of experience, specializing in front-end development with expertise in Angular, React.js and modern JavaScript frameworks. Dedicated to continuous learning, and constant improvement by leveraging latest web standards to create exceptional user experience.

## Experience

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**Software Engineer**, Subex – Bengaluru, Karnataka Aug 2023 – Present

- Developed an **Alert management UI** to configure and customize the alerts with an integrated privilege-based control to ensure appropriate access for user roles, resulting in a **30% reduction of manual monitoring efforts**, increased response time by 50% with fewer security incidents and reduced the unauthorized access by 30%.
- **Spearheaded a Trino POC** and implemented complex multi-database joins across two different databases. Achieved a significant performance improvement with a query execution rate of 100,000 rows/sec for a 1 billion-row dataset, **resulting in a 30% improvement in query performance** and 2x scalability over previous execution speeds.
- Crafted an **Advanced Query Management UI** for creating run-time queries, which enabled users to define and execute quality monitoring queries. This improved flexibility and user experience, **reducing manual query setup by 30%**. Successfully resolved 10+ legacy UI bugs improving user interface stability.
- Mentored a team of junior developers on designing efficient and reusable UI components, which adhere to **web performance metrics** that enhances bundle performance and load speeds by an average of 20-35 milliseconds.

**Software Engineer Intern**, Subex – Bengaluru, Karnataka Feb 2023 – Aug 2023

- Programmed an efficient ASCII to CSV parser to support three formats of files: delimited, delimited-with-tags, and fixed-length. Successfully processed 100,000 lines of fixed-length ASCII files to CSV in Spring Batch, **increasing data processing speed by 20%** compared to Apache NiFi record reader processing times.
- Enhanced error handling and logging mechanisms, resulting in a 20% improvement in debugging and troubleshooting efficiency.

## Education

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**SJB Institute of Technology** Aug 2019 – May 2023

- Computer Science and Engineering, CGPA: 8.45

## Personal Projects

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**Live Coding Environment with Integrated Video Chat using WEBRTC** GitHub

- Integrated **WEBRTC-based video calling** functionality, enabling **peer-to-peer communication** during code discussions. Supports **Mock Interviews for 2x better coding** practice with real-time collaboration.
- Tools Used: React, Socket.IO, WEBRTC, NodeJS, ExpressJS

**Real-time Chatting and Video Calling Application** GitHub

- Constructed a **robust feature that supports 2 functionalities such as a chat and video calling application** featuring user-friendly editing options for messages and seamless group functionalities.
- Tools Used: React, NodeJS, ExpressJS, MongoDB, Socket.IO, WEBRTC

**JavaScript Games** GitHub

- 2D Tic-Tac-Toe, ConnectFour, WordSearch, Quiz Application, JavaScript Handbook Beginner to Advanced topics.

## Skills

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**Technology/Frameworks:** Angular, React, SpringBoot, NodeJS, ExpressJS, SQL, PostgreSQL, SocketIO, WEBRTC.

**Language:** Java, Javascript.