

# Sharan S C

## SOFTWARE ENGINEER

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| Bangalore, India.

## Skills

**Programming Languages:** Java, C, JavaScript

**Databases:** MySQL, MongoDB

**Frameworks & Libraries:** Spring Boot, React, Tailwind CSS

**Web Technologies:** HTML, CSS

**Tools & Platforms:** Maven, Git & Version Control, Postman, Docker

**Core Competencies:** Data Structures, Algorithms

## Education

**Bachelor Of Engineering:** The Oxford College of Engineering, Bangalore

9.32 cgpa | 2023- 2027

**Pre University (XII<sup>th</sup>):** SSMRV PU College, Jayanagar, Bangalore

92.26 % | 2021- 2023

## Projects & Achievements

### Blog Application

React, Spring Boot, JWT Authentication, MongoDB, Render, Vercel, Docker

- Developed a full-stack blog application with **React** for the frontend and **Spring Boot** for the backend
- Developed **RESTful APIs** for user authentication, post management
- Implemented **JWT authentication** for secure user login and access control
- Integrated **MongoDB** for backend data storage and retrieval
- Deployed backend on **Render** and frontend on **Vercel** for production hosting
- Live Demo:** [Journal App](#) | **Source Code:** [GitHub](#)

### Converge - Real time video chat app

Spring Boot, MongoDB, React, ZegoCloud, Render, Vercel, Docker

- Developed a full-stack real-time video chat application using **React** and **Spring Boot**
- Integrated **ZegoCloud's SDK** for high-quality, low-latency video and audio streaming
- Designed RESTful APIs for user registration, room creation, and session management
- Enabled real-time peer-to-peer communication with dynamic room joining and leaving
- Live Demo :** [Converge](#) | **Source Code:** [GitHub](#)

### Problem Solving

Data Structures, Algorithms, Competitive Programming

- Solved **600+ problems** on [LeetCode](#) strengthening problem-solving and algorithmic skills
- Achieved a **LeetCode Contest Rating of 1677** in competitive programming

### Research Publication

- Published paper entitled "*FBG Sensor Design and Analysis for Early Detection of Cancer*" as **First Author** in IEEE Xplore (2024). [View Paper](#)

### Computer Society of India (Member)

- Secured 1st place in a LeetCode Debugging Competition