

# DEVANSH BHAWSAR

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## OBJECTIVE

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Seeking a challenging role in software development to leverage my problem solving skills with my expertise in Data Structures Algorithm, C++, JavaScript, Object-Oriented Programming, MERN Backend Technologies along with Kubernetes. Eager to apply my knowledge of Docker, Node.js, Express.js, MongoDB, and SQL to develop innovative and efficient software solutions. Committed to continuous learning and delivering high-quality code, I aim to contribute to a dynamic and collaborative team.

## PROJECTS

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### Code Room, a Real-Time Code Editor:

- Engineered a sophisticated real-time code editor solution using React.js, **Node.js**, **Express.js**, and **Socket.io**.
- Implemented **synchronization** of all users' code in real-time, allowing for collaborative coding sessions.
- Implemented features like syntax highlighting, error feedback, and scalable architecture for an enhanced user experience.
- Utilized **Node.js**, **Express.js** for server-side development, and **Socket.io** for **real-time communication**.

### PeerConnect: Real-Time Voice Chat Application:

- Engineered a cutting-edge voice chat platform using **WebRTC** for direct peer-to-peer audio communication without plugins or downloads.
- Integrated **Node.js**, **Express**, **Socket.IO** for robust signaling and connection management.
- Optimized for low-latency, high-quality audio streaming to deliver an exceptional real-time communication experience.

## SKILLS

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C++, JavaScript, Data Structures, Algorithms, Object Oriented Programming, Docker, Node.js, Express.js, MongoDB, SQL, Kubernetes

## EDUCATION

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### B.Tech in Computer Science Engineering, AIML Specialization

CGPA - 8.25, 2024

Acropolis Institute of Technology and Research, Indore

Relevant Coursework: Data Structures and Algorithms, OOPS, Operating Systems, DBMS, Computer Networks

### 12th (CBSE BOARD)

IBS Global School, Ujjain

## CODING PROFILE

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*LeetCode Profile, GFG Profile*

## EXTRA-CURRICULAR ACTIVITIES

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- **Semi-finalist** in Toycathon.
- **Bronze Medalist** in National School Olympiad (Mathematics).
- **Team Leadership:** Led debate team and actively participated in chess, table tennis and cricket.