

EDUCATION

Degree	Specialization	Institute	Year	CGPA
B.Tech	Electronics & Communication Eng	CBIT - Hyderabad	2020-2024	8.5
Inter	Physics, Chemistry, & Mathematics	Narayana College	2018-2020	9.5
SSC	-	Narayana School	2017-2018	9.3

TECHNICAL SKILLS

- **Languages:** C, C++, SQL, Data Structures and Algorithms, OOPS, JavaScript(Node.js)
- **Tools:** VS Code, Git, GitHub, Docker, Postman, LaTeX
- **Frameworks:** Express, Next.js, React.js, Tailwind, Shadcn
- **Databases:** MYSQL, MongoDB, PostgreSQL, Prisma(ORM)

WORK EXPERIENCE

- **Software Developer Intern** [Vectorsoft] Oct-present 2025
 - Coordinated with a team to develop and maintain a **healthcare-related web application**, focusing on implementing dynamic features and resolving high-priority bugs. Utilized **Next.js, TypeScript, TailwindCSS, ShadCN UI, and React Forms** incorporating Atoms for efficient state management.
- **Software Intern** [Venkys.io] April-Sept 2024
 - Implemented **REST APIs** for backend services in **Node.js** projects, optimizing request handling, improving response times, and ensuring secure, scalable communication between system components.
 - Coordinated in a team of two to develop a **VS Code extension** that automates **JDK** downloads to the local machine, including functionality to update the **environment variables** by adding the **bin path**.

PROJECTS

- **Paytm Web App: Secure Money Transfer** | [Live Link](#) Jan-Feb 2024
 - Developed a **full-stack** money transfer application inspired by **Paytm**, enabling secure transactions between users. The app features a React front-end for a smooth user experience, with a **Node.js** and Express back-end handling transaction logic. **MongoDB** ensures efficient data storage, while **JWT**-based authentication secures user access. Middleware was implemented for **request validation**
 - **Key Skills:** MongoDB, React, Node.js, Express, JSON Web Tokens (JWT), Zod validation, middleware
 - **Project Code:** <https://github.com/Sanjay-Balam/End-To-End-PayTM-app>
- **SAAS Platform** | [Live Link](#) Apr-June 2024
 - Developed a **SaaS platform** enabling users to create and manage **personalized song queues** with streamlined functionality. Leveraging **OAuth** via **Google Authentication**, users can securely log in, curate playlists, and engage with an **interactive voting system** that dynamically prioritizes tracks based on popularity. The platform also features playlist sharing capabilities, fostering a community-driven music experience. Designed with an emphasis on responsive user interface.
 - **Key Skills:** NEXT.js, Typescript, Prisma (ORM), Postgresql, Google Authentication
 - **Project Code:** <https://github.com/Sanjay-Balam/SongCraft>
- **Room Chat Application** Aug-Sep 2024
 - Developed a **real-time Room Chat Application** using WebSockets, React, TypeScript, and Express to enable seamless communication in dynamic chat rooms. Users can create or join rooms via unique IDs, with **real-time messaging** powered by WebSockets for **low-latency** interaction. The Express backend efficiently manages connections and room data, while the React frontend ensures a responsive, type-safe user interface. This project showcases expertise in **real-time communication**.
 - **Key Skills:** Typescript, Websockets, React.js, Express
 - **Project Code:** <https://github.com/Sanjay-Balam/Real-time-chat-app>

ACHIEVEMENTS AND CERTIFICATES

- Solved 400+ DSA Problems on platforms like Leetcode, GFG, Hackerrank | [Leetcode profile](#)
- 5 star on Hackerrank problem solving in C++
- **Data Structures and Algorithms** : GeeksforGeeks