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## SANJANA VU

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### EDUCATION

#### GMIT

Computer Science Engineering

Dec 2021 – July 2025

Davanagere

Relevant Coursework: Software Engineering, Database Management, Frontend Development, Backend Development

VIDYA VIKAS VIDYA SAMSTHE

APRIL 2019 | CHITRADURGA

PERCENTAGE: 75.00

#### DON BOSCO PU COLLEGE

PCMCs

JULY 2021 | CHITRADURGA PERCENTAGE: 75.00

### EXPERIENCE

#### Full Stack Software Development

Sep 2024 – Present G-Tec JainX Education

Bangalore

console-based

##### quiz application: - [GitHub](#)

1. console-based quiz application Developed a console-based quiz application that allows users to test their knowledge across various topics through an interactive command-line interface.
2. Technologies Used: Java, Git, and basic data structures (arrays, lists).
3. User-friendly interface for quiz selection and navigation. Multiple-choice questions with instant feedback on answers. Scoring system to track user performance. Ability to add new questions and categories, enhancing the application's extensibility.
4. Designed and implemented the application architecture and user interface using Java. Developed the question bank and scoring logic. Conducted testing to ensure functionality and user experience.

##### Console-Based Movie Booking System:- [GitHub](#)

1. Developed a console-based application for booking movie tickets, providing users with an efficient way to select movies, choose seats, and complete transactions through a command-line interface.
2. Interactive menu for movie selection and seat booking. Real-time seat availability updates. User authentication for secure transactions. Option to view booking history and manage reservations.
3. Designed and implemented the application architecture and user interface using Java. Developed the booking logic and seat management system. Conducted thorough testing to ensure reliability and user satisfaction.
4. Improved programming skills in Java and gained practical experience in software development, including project management and version control with Git.

### PROJECTS

Collaborative Coding Platform| Team Project (~60 hrs.) - [GitHub](#)

JavaScript, React js, Express js, Node js

1. Developed a collaborative coding platform that enables multiple users to write, edit, and execute code in real-time, facilitating teamwork and learning in programming.
2. Technologies Used: Node.js, Express.js, WebSocket, Git, HTML, CSS, Java Script.
3. Real-time code collaboration allowing multiple users to edit code simultaneously. Integrated code execution environment to run code snippets directly within the platform.
4. User authentication and session management for secure access. Chat functionality for communication among users during coding sessions.
5. Designed and implemented the back-end architecture using Node.js and Express.js for efficient server-side operations.
6. Utilized WebSocket for real-time communication between users. Developed the front-end interface to ensure a seamless user experience.
7. Enhanced skills in full-stack development with a focus on real-time applications, contributing to improved teamwork and coding practices.

### SKILLS

- **Programming Languages:** Java, JDBC, SQL, DBMS, HTML, CSS, Tailwind, JavaScript, React, Spring Boot, Hibernate.
- **Architecture & Frameworks:** Microservices Architecture
- **Databases:** MySQL.
- **Analytics & Visualization Tools:** Microsoft Excel, PowerPoint
- **Developer Tools:** Git, Visual Studio, Eclipse.