MANTLEUR

OCTOBER 2025

mantleur.fun

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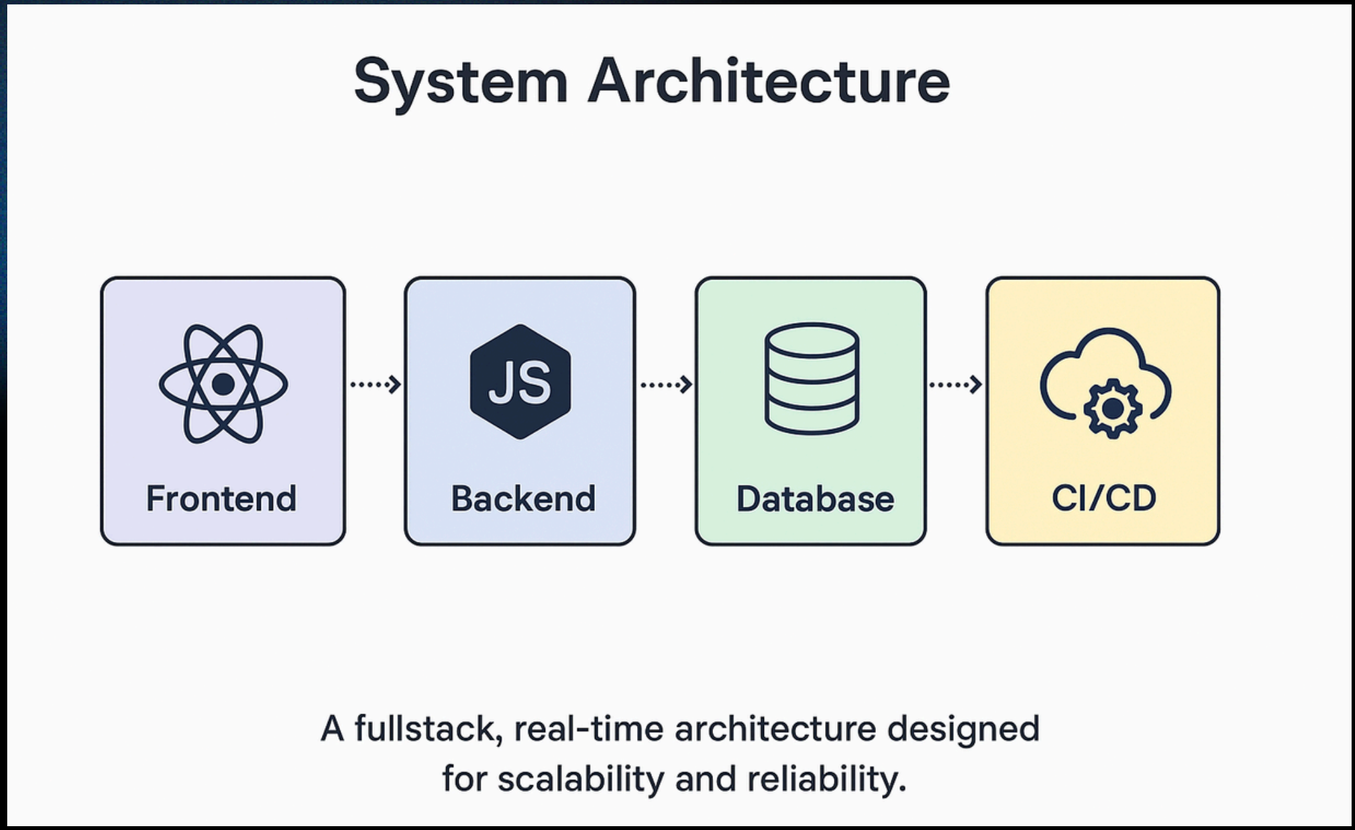
INTRODUCTION

MantleUR - Livestream platform

MantleUR is a live streaming platform where streamers can connect with their audience and receive real-time support during broadcasts

Trinh Xuan Kien - SEK23

SYSTEM ARCHITECTURE



CORE FEATURES

🚀 Features

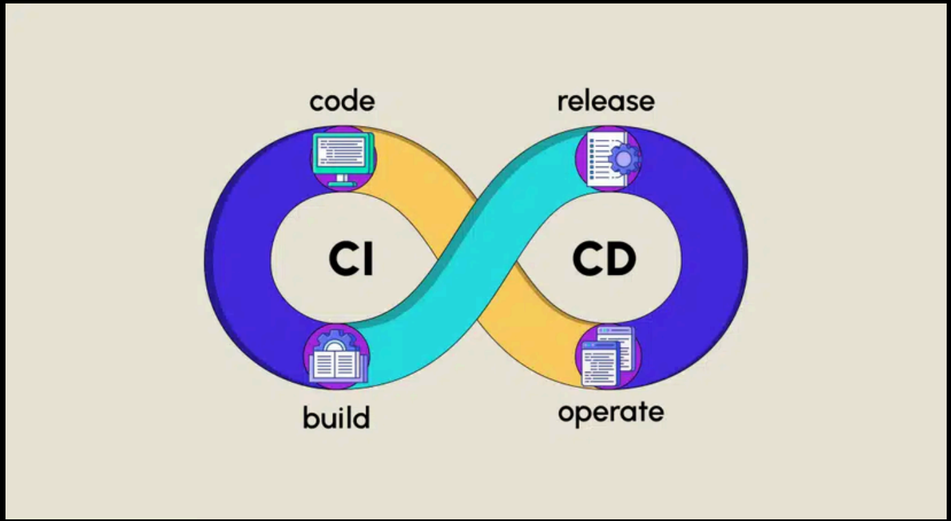
- ✅ **User Authentication** - JWT-based auth system
- ✅ **Livestream** - WebRTC peer-to-peer streaming
- ✅ **Real-time Chat** - Socket.io chat system
- ✅ **Donate System** - Coin-based donation system
- ✅ **User Profiles** - Profile management
- ✅ **Streamer Dashboard** - Stream management
- ✅ **Responsive Design** - Mobile-friendly UI

TECHNOLOGY STACK

🛠️ Tech Stack

- **Frontend:** React (Vite) + TailwindCSS + Socket.io + PeerJS
- **Backend:** Node.js (Express) + Prisma (PostgreSQL) + Socket.io
- **Media:** WebRTC livestream (PeerJS)
- **Auth:** JWT
- **Database:** PostgreSQL
- **Deploy:** Render

CI/CD



- Saves time, reduces manual deployment
- Prevents missed files during commit
- Keeps local & server always synced
- Enhances teamwork and collaboration

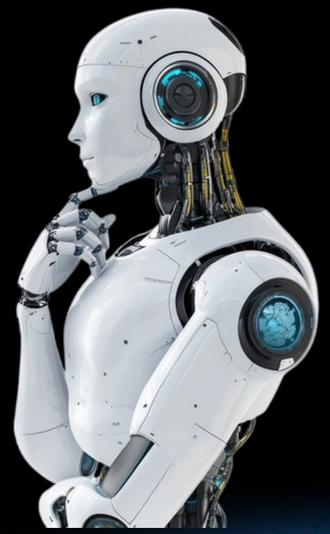
FIGMA

Xem tại đây

RESULTS

Xem tại đây

FUTURE DEVELOPMENT



THANK YOU!