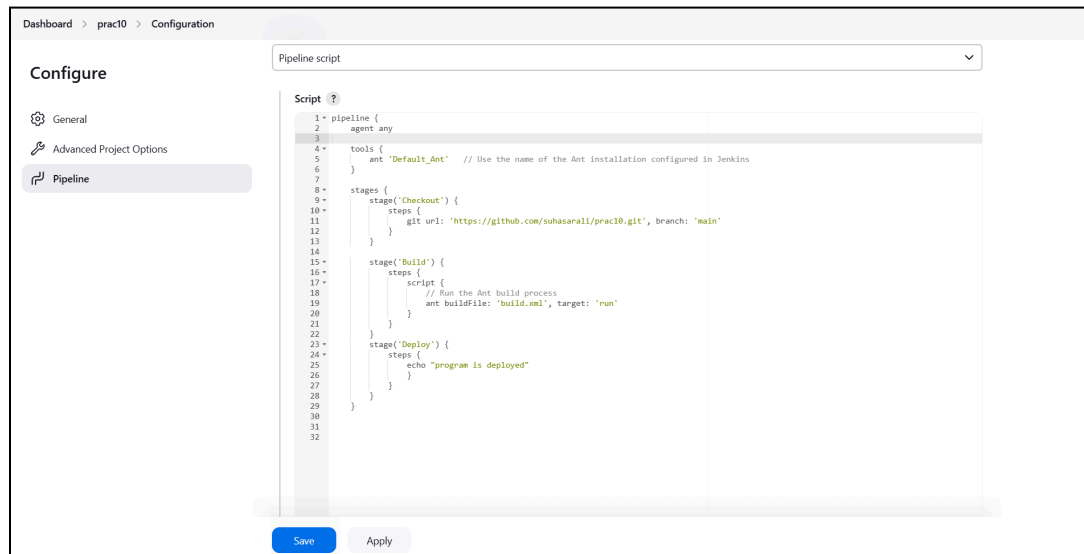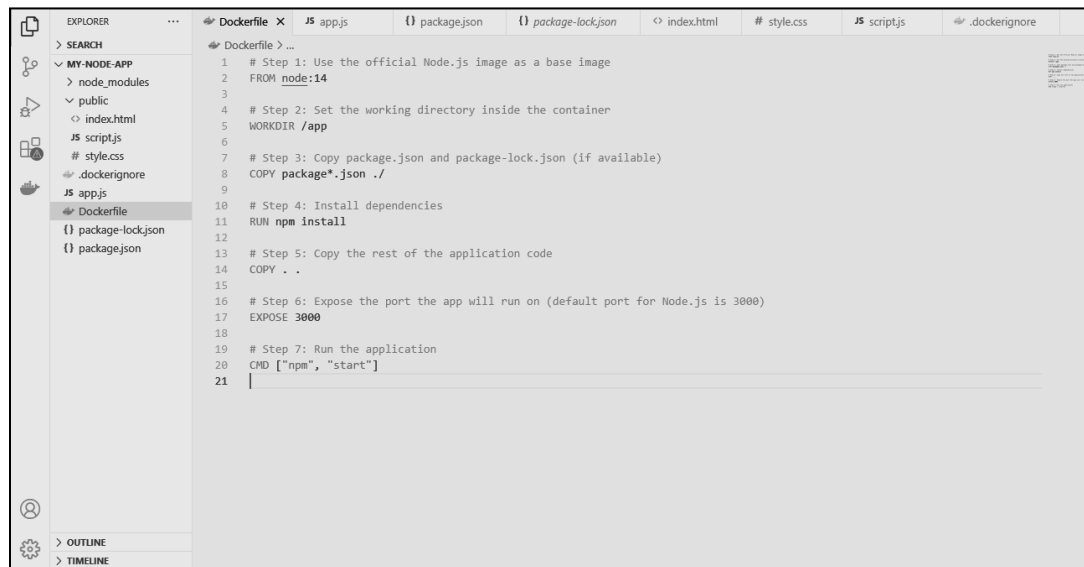Code:
1)Jenkins

2)Docker


```
1     services:
2       frontend:
3         build: .
4         container_name: lost-and-found-portal # Use a fixed name for easier management
5         ports:
6           - "3000:80"  # This is the crucial line
7         environment:
8           - VITE_SUPABASE_URL=${VITE_SUPABASE_URL}
9           - VITE_SUPABASE_ANON_KEY=${VITE_SUPABASE_ANON_KEY}
```
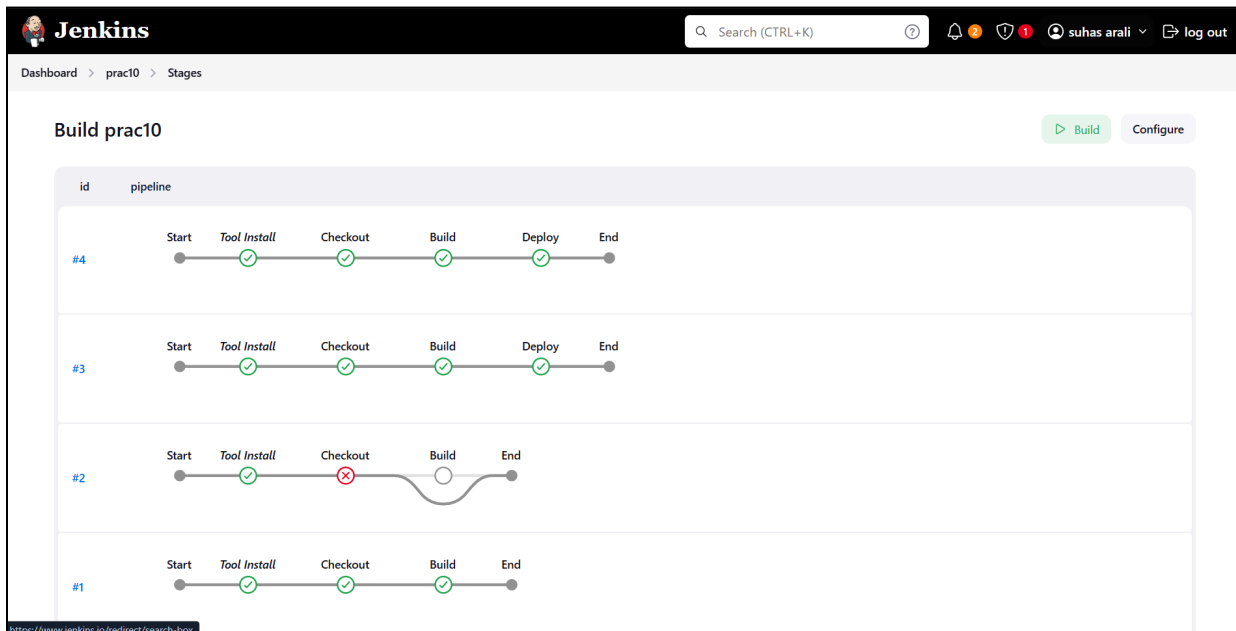
Output:
1)Jenkins

Fig 1.1 Automated Build stages

Fig 1.2 Pipeline Console

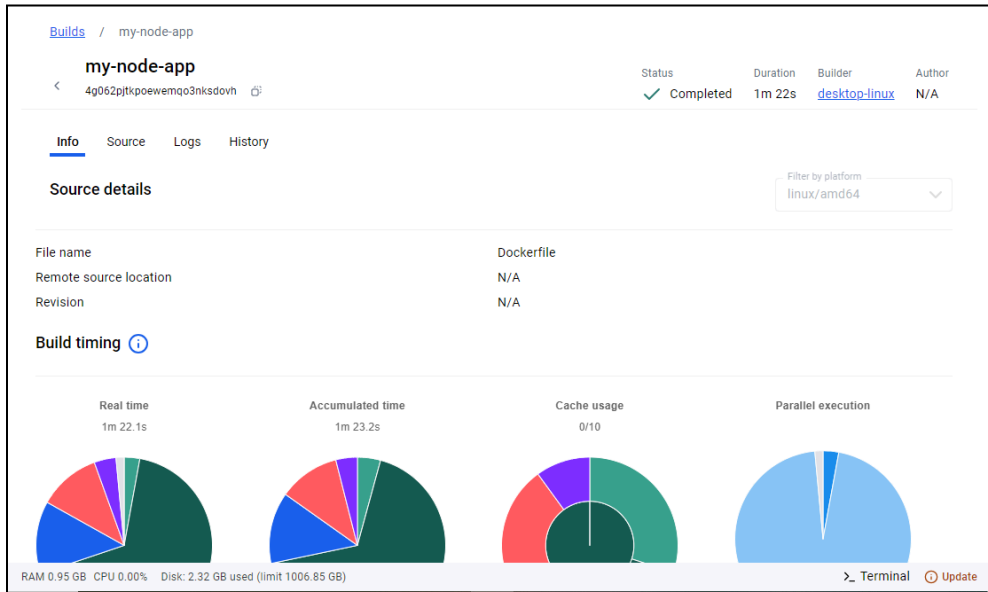## 1.3 Pipeline Steps

2)Docker

Fig 2.1 Docker build command

Fig 2.2 Docker Dashboard

3)Deployed Website

Fig 3 Mern Website