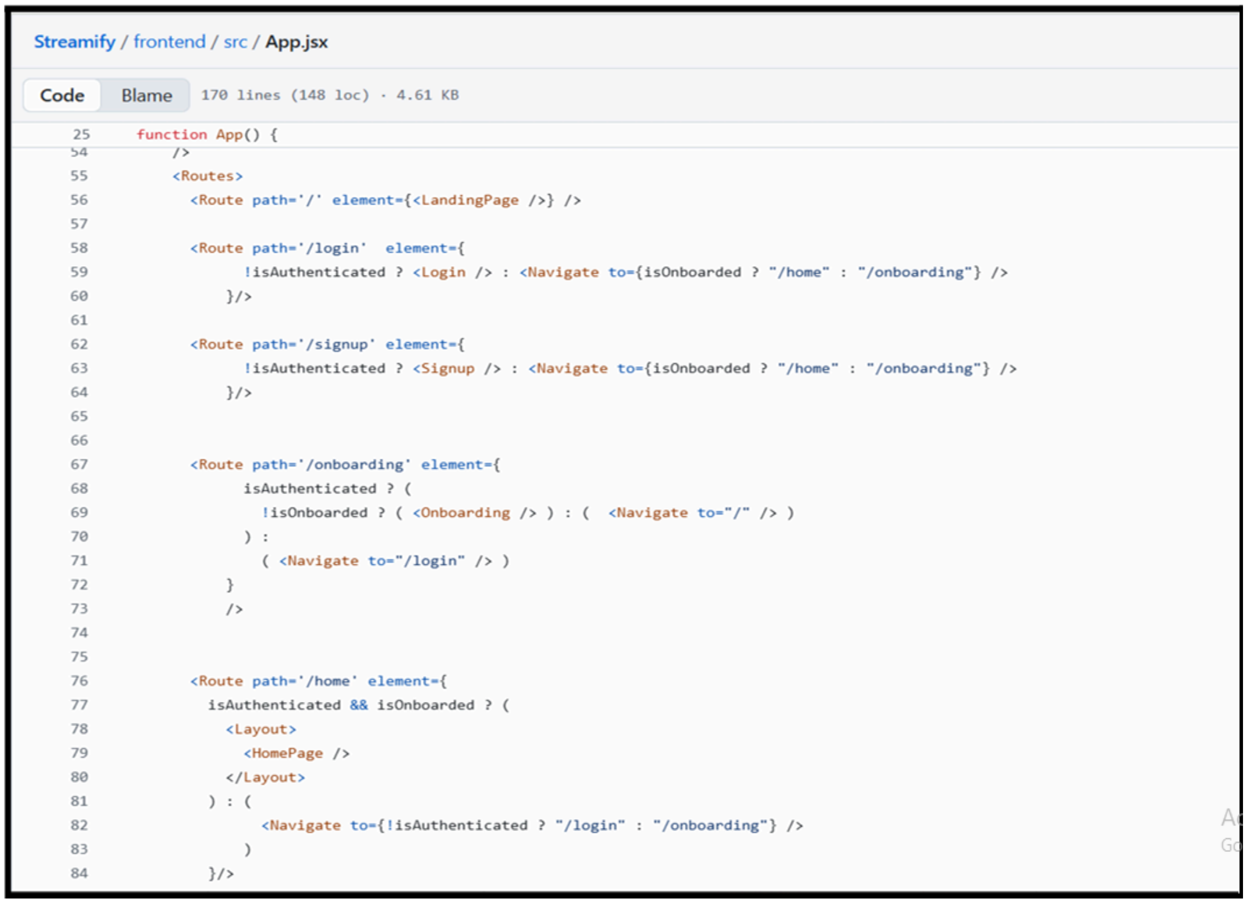
Experiment No. 8

Aim: Deploy full-stack apps using DevOps tools and Docker

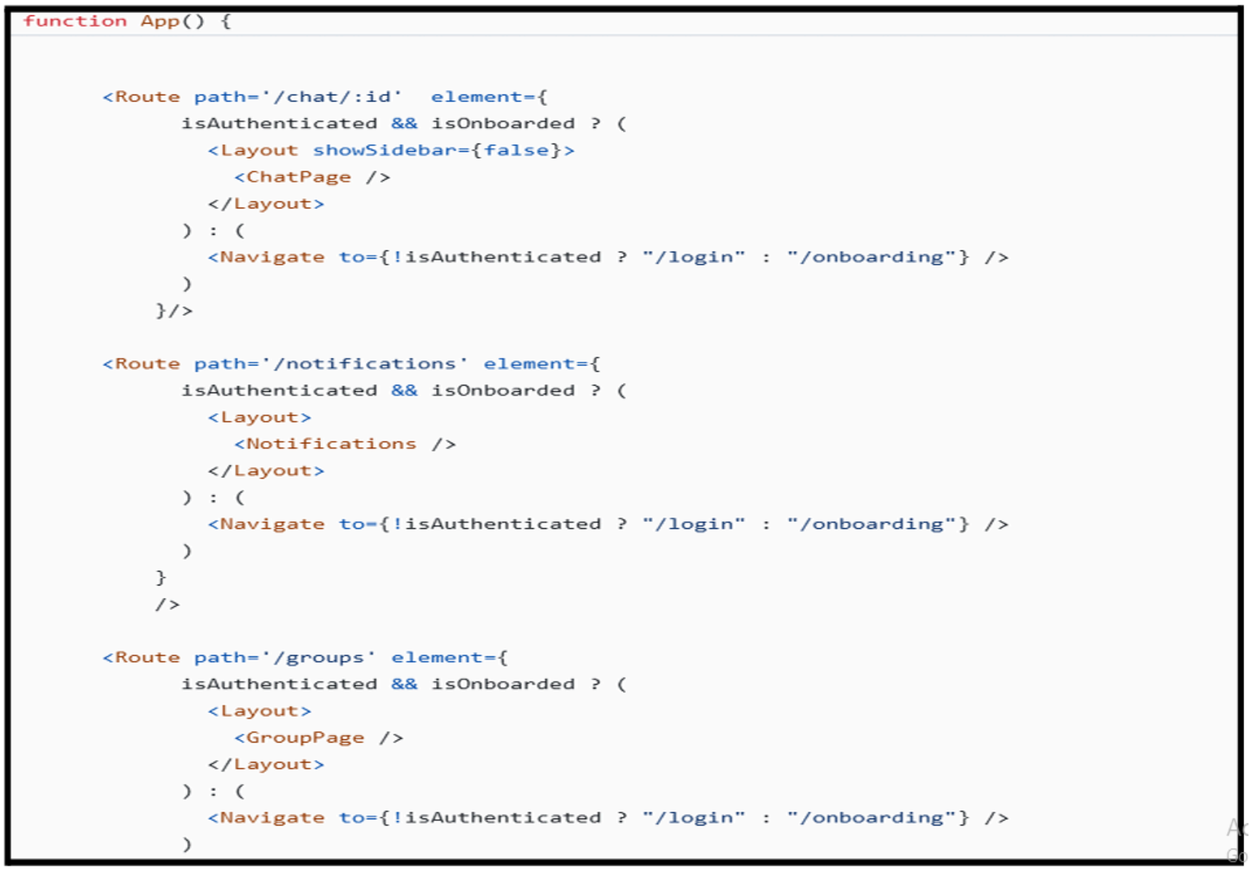
Code :
App.jsx



Streamify / frontend / src / App.jsx

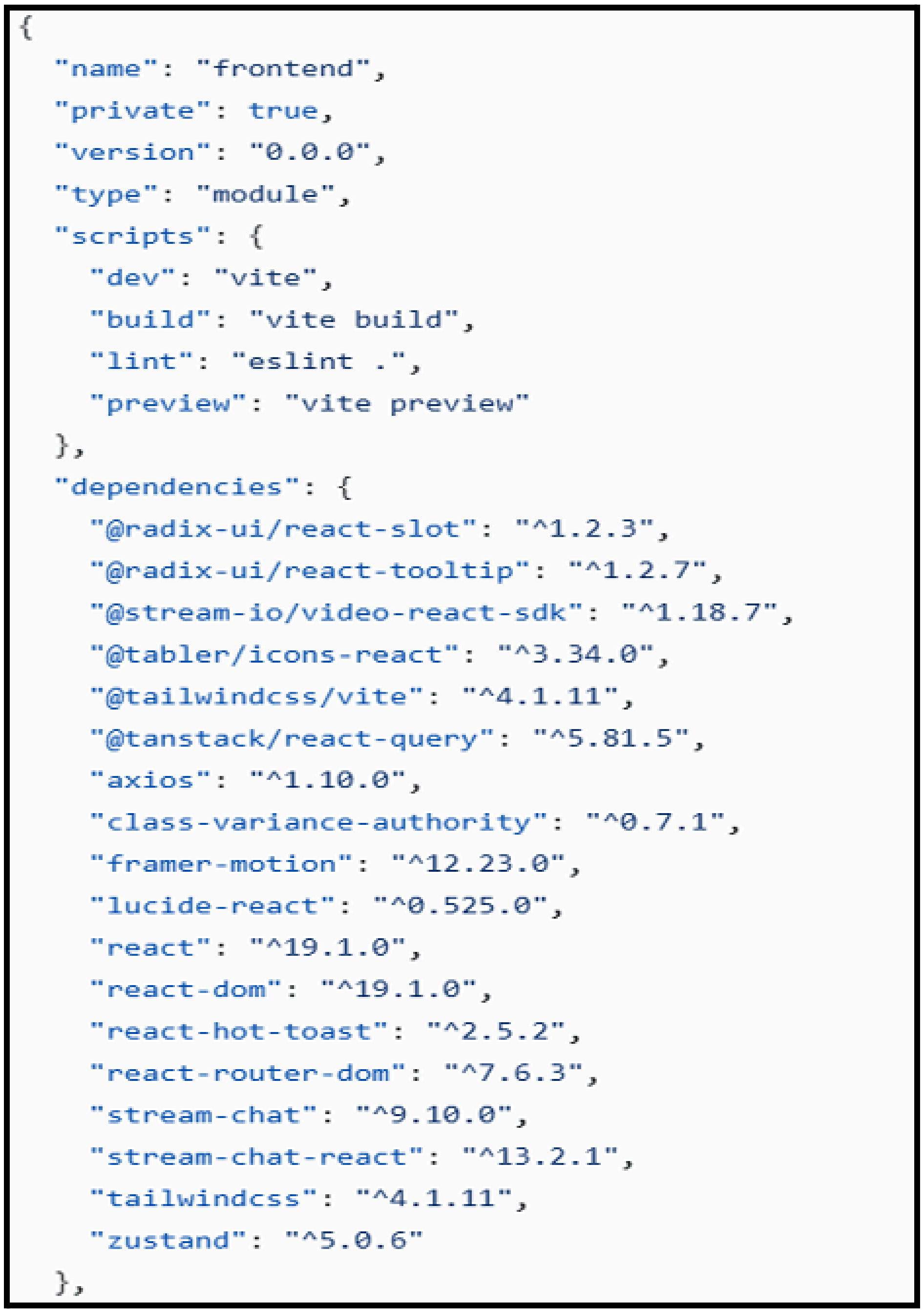
Code Blame 170 lines (148 loc) · 4.61 KB

```
function App() {
    />
    <Routes>
      <Route path='/' element={<LandingPage />} />

      <Route path='/login'  element={
            !isAuthenticated ? <Login /> : <Navigate to={isOnboarded ? "/home" : "/onboarding"} />
          }/>

      <Route path='/signup' element={
            !isAuthenticated ? <Signup /> : <Navigate to={isOnboarded ? "/home" : "/onboarding"} />
          }/>


      <Route path='/onboarding' element={
            isAuthenticated ? (
              !isOnboarded ? ( <Onboarding /> ) : (  <Navigate to="/" /> )
            ) :
              ( <Navigate to="/login" /> )
          }
          />


      <Route path='/home' element={
        isAuthenticated && isOnboarded ? (
          <Layout>
            <HomePage />
          </Layout>
        ) : (
            <Navigate to={!isAuthenticated ? "/login" : "/onboarding"} />
            )
        }/>
```



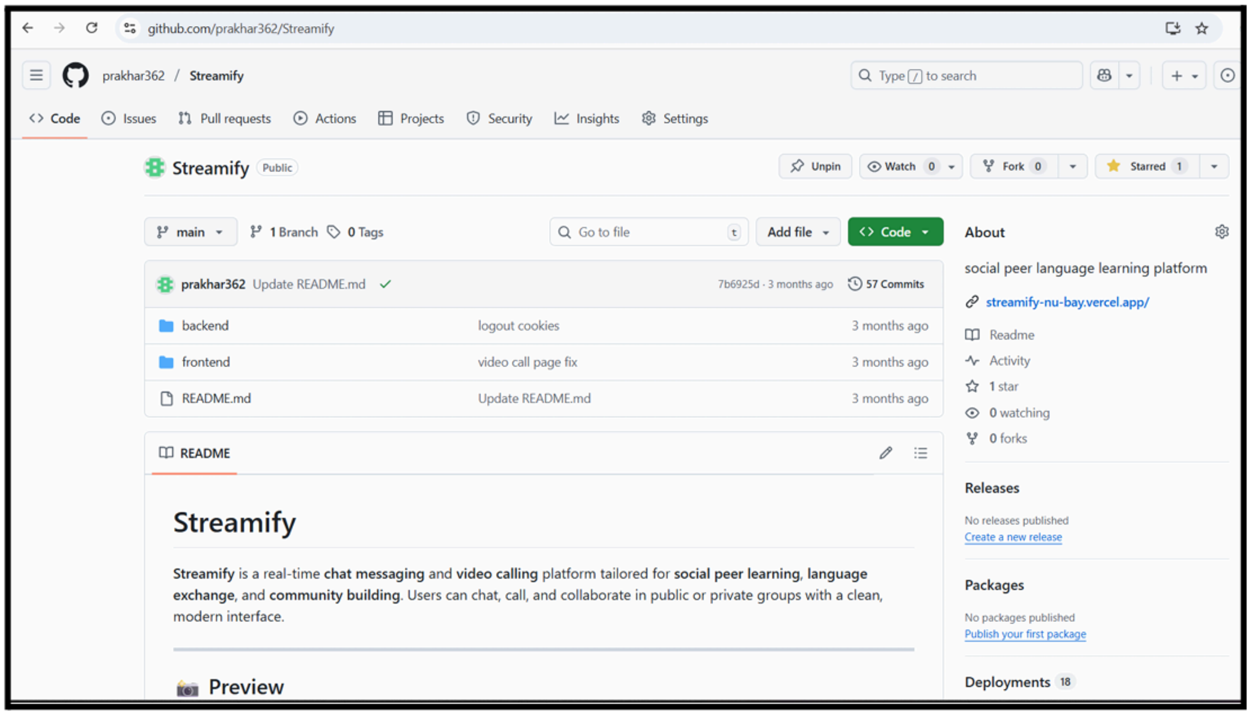
```
function App() {


      <Route path='/chat/:id'  element={
            isAuthenticated && isOnboarded ? (
              <Layout showSidebar={false}>
                <ChatPage />
              </Layout>
            ) : (
              <Navigate to={!isAuthenticated ? "/login" : "/onboarding"} />
            )
          }/>

      <Route path='/notifications' element={
            isAuthenticated && isOnboarded ? (
              <Layout>
                <Notifications />
              </Layout>
            ) : (
              <Navigate to={!isAuthenticated ? "/login" : "/onboarding"} />
            )
          }
          />

      <Route path='/groups' element={
            isAuthenticated && isOnboarded ? (
              <Layout>
                <GroupPage />
              </Layout>
            ) : (
              <Navigate to={!isAuthenticated ? "/login" : "/onboarding"} />
            )
```

package.json



```json
{
  "name": "frontend",
  "private": true,
  "version": "0.0.0",
  "type": "module",
  "scripts": {
    "dev": "vite",
    "build": "vite build",
    "lint": "eslint .",
    "preview": "vite preview"
  },
  "dependencies": {
    "@radix-ui/react-slot": "^1.2.3",
    "@radix-ui/react-tooltip": "^1.2.7",
    "@stream-io/video-react-sdk": "^1.18.7",
    "@tabler/icons-react": "^3.34.0",
    "@tailwindcss/vite": "^4.1.11",
    "@tanstack/react-query": "^5.81.5",
    "axios": "^1.10.0",
    "class-variance-authority": "^0.7.1",
    "framer-motion": "^12.23.0",
    "lucide-react": "^0.525.0",
    "react": "^19.1.0",
    "react-dom": "^19.1.0",
    "react-hot-toast": "^2.5.2",
    "react-router-dom": "^7.6.3",
    "stream-chat": "^9.10.0",
    "stream-chat-react": "^13.2.1",
    "tailwindcss": "^4.1.11",
    "zustand": "^5.0.6"
  },
```

Output:


github.com/prakhar362/Streamify

prakhar362 / Streamify

Code Issues Pull requests Actions Projects Security Insights Settings

Streamify Public

Unpin | Watch 0 | Fork 0 | Starred 1

main | 1 Branch | 0 Tags | Go to file | Add file | Code

prakhar362 Update README.md ✓ 7b6925d · 3 months ago 57 Commits

backend	logout cookies	3 months ago
frontend	video call page fix	3 months ago
README.md	Update README.md	3 months ago

README

Streamify

Streamify is a real-time **chat messaging** and **video calling** platform tailored for **social peer learning**, **language exchange**, and **community building**. Users can chat, call, and collaborate in public or private groups with a clean, modern interface.

Preview

About

social peer language learning platform

streamify-nu-bay.vercel.app/

Readme

Activity

1 star

0 watching

0 forks

Releases

No releases published

Create a new release

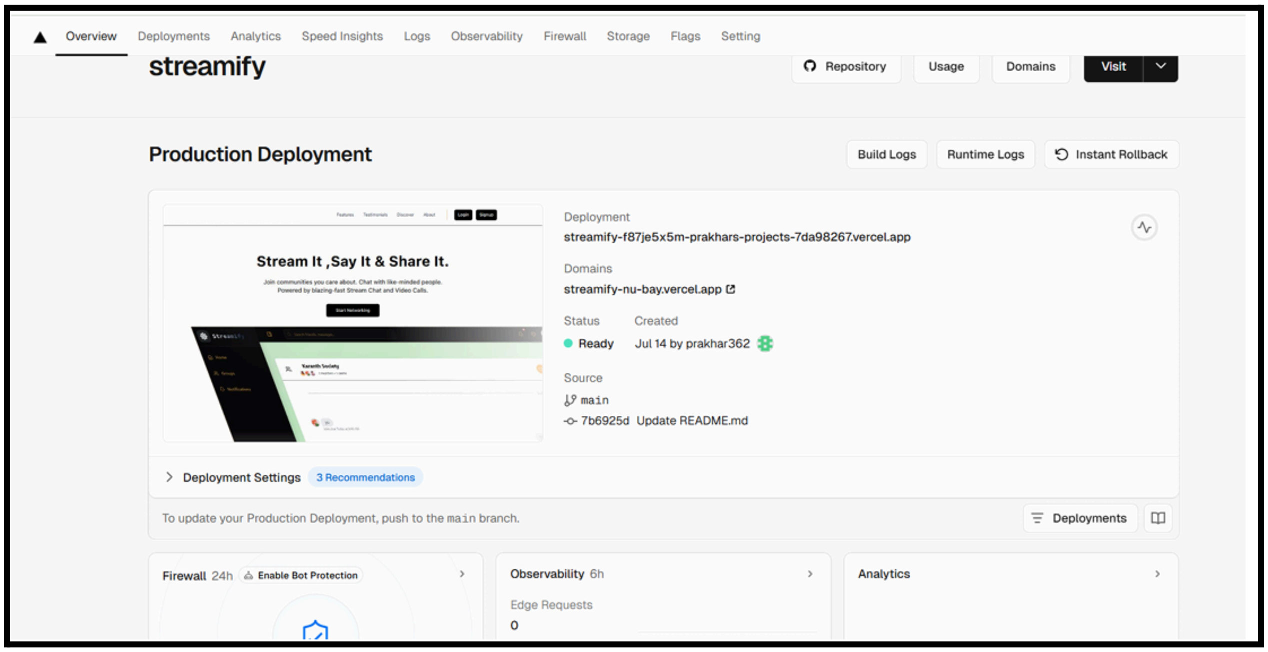
Packages

No packages published

Publish your first package

Deployments 18

Fig 1 - Project Github Repository


Overview Deployments Analytics Speed Insights Logs Observability Firewall Storage Flags Setting

streamify

Repository | Usage | Domains | Visit

Production Deployment

Build Logs | Runtime Logs | Instant Rollback

Stream It ,Say It & Share It.

Deployment
streamify-f87je5x5m-prakhars-projects-7da98267.vercel.app

Domains
streamify-nu-bay.vercel.app

Status: Ready

Created: Jul 14 by prakhar362

Source
main
7b6925d Update README.md

Deployment Settings 3 Recommendations

To update your Production Deployment, push to the main branch.

Deployments

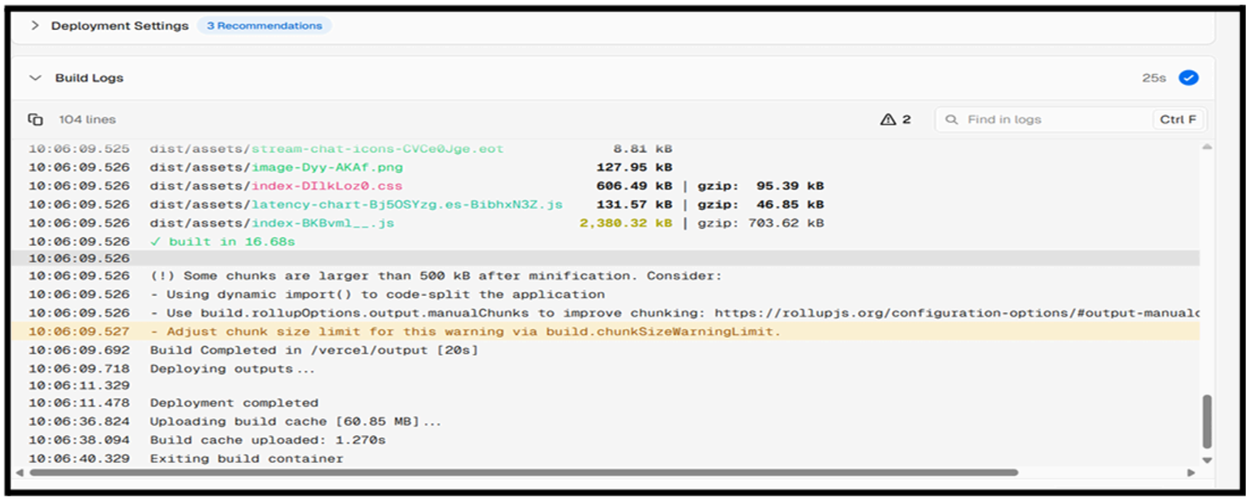
Firewall 24h Enable Bot Protection

Observability 6h

Edge Requests
0

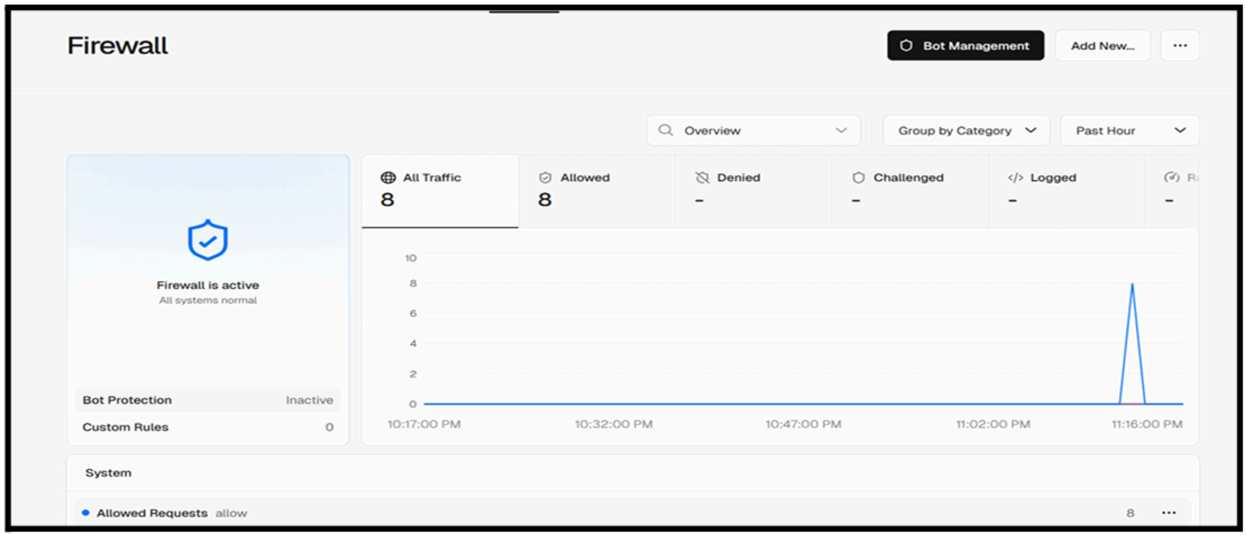
Analytics

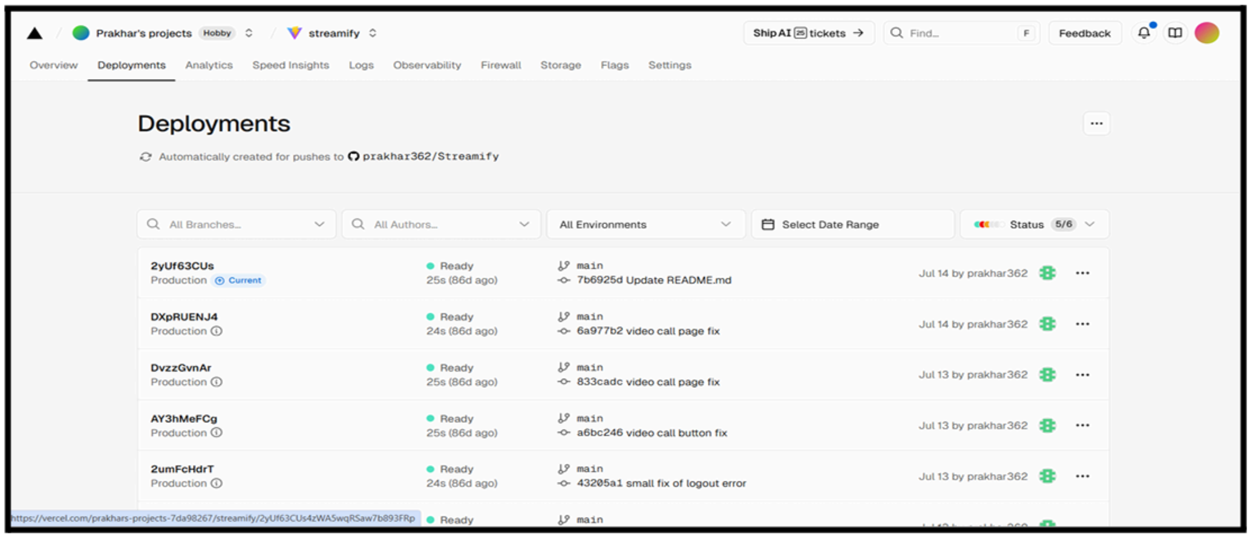
Fig 2 - Vecel Projects Page



```
10:06:09.525  dist/assets/stream-chat-icons-CVCe0Jge.eot              8.81 kB
10:06:09.526  dist/assets/image-Dyy-AKAf.png                        127.95 kB
10:06:09.526  dist/assets/index-DIlkLoz0.css                        606.49 kB | gzip:  95.39 kB
10:06:09.526  dist/assets/latency-chart-Bj5OSYzg.es-BibhxN3Z.js     131.57 kB | gzip:  46.85 kB
10:06:09.526  dist/assets/index-BKBvml__.js                       2,380.32 kB | gzip: 703.62 kB
10:06:09.526  ✓ built in 16.68s
10:06:09.526
10:06:09.526  (!) Some chunks are larger than 500 kB after minification. Consider:
10:06:09.526  - Using dynamic import() to code-split the application
10:06:09.526  - Use build.rollupOptions.output.manualChunks to improve chunking: https://rollupjs.org/configuration-options/#output-manualc
10:06:09.527  - Adjust chunk size limit for this warning via build.chunkSizeWarningLimit.
10:06:09.692  Build Completed in /vercel/output [20s]
10:06:09.718  Deploying outputs...
10:06:11.329
10:06:11.478  Deployment completed
10:06:36.824  Uploading build cache [60.85 MB]...
10:06:38.094  Build cache uploaded: 1.270s
10:06:40.329  Exiting build container
```

Fig 3 - Vecel Features Page



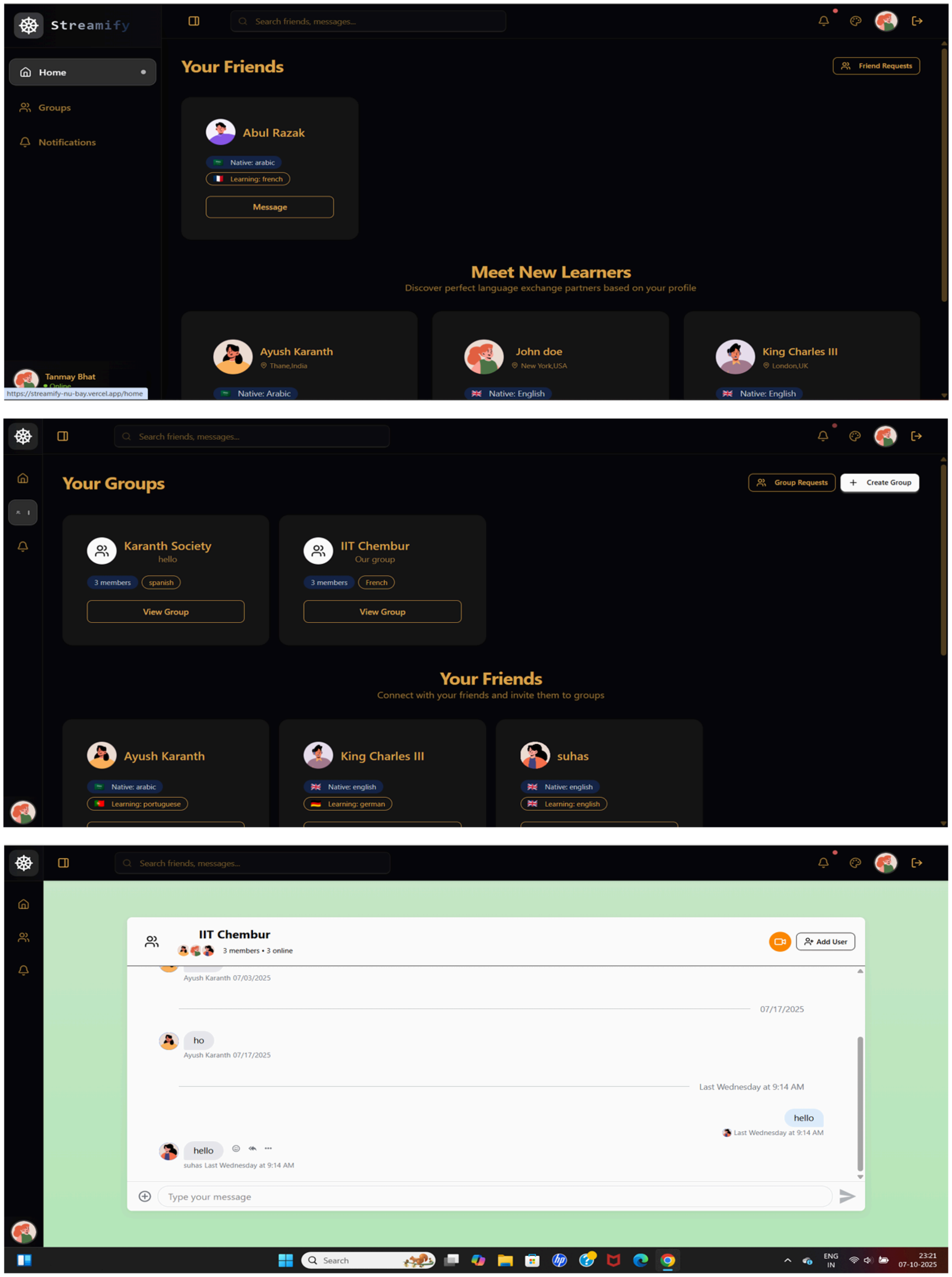


Automatically created for pushes to prakhar362/Streamify

2yUf63CUs Production Current	Ready 25s (86d ago)	main 7b6925d Update README.md	Jul 14 by prakhar362
DXpRUENJ4 Production	Ready 24s (86d ago)	main 6a977b2 video call page fix	Jul 14 by prakhar362
DvzzGvnAr Production	Ready 25s (86d ago)	main 833cadc video call page fix	Jul 13 by prakhar362
AY3hMeFCg Production	Ready 25s (86d ago)	main a6bc246 video call button fix	Jul 13 by prakhar362
2umFcHdrT Production	Ready 24s (86d ago)	main 43205a1 small fix of logout error	Jul 13 by prakhar362
	Ready	main	

https://vercel.com/prakhars-projects-7da98267/streamify/2yUf63CUs4zWA5wqRSaw7b893FRp

**Fig 4 - Vecel Deployments Page **



Ayush Karanth 07/03/2025

07/17/2025

ho

Ayush Karanth 07/17/2025

Last Wednesday at 9:14 AM

hello

Last Wednesday at 9:14 AM

hello

suhas Last Wednesday at 9:14 AM

Fig 5 - Project Landing Page / Project Home Page

Conclusion:

In conclusion, deploying full-stack applications using **DevOps tools and Docker** ensures efficient, consistent, and scalable deployment processes. Docker enables containerization, allowing applications to run seamlessly across different environments, while DevOps tools automate building, testing, and deployment. This combination improves collaboration, reduces errors, and accelerates delivery. Overall, integrating Docker with DevOps practices enhances reliability, scalability, and productivity in full-stack application deployment.