

Yes, you can deploy your Angular application that utilizes Angular Material to Firebase Hosting. However, there are some common pitfalls to be aware of to ensure a smooth deployment.❓

✅ Steps to Deploy Angular App with Angular Material to Firebase Hosting

1. Build the Application for Production

Before deploying, build your Angular application in production mode to optimize performance:❓

`ng build --configuration production`

This command generates the production-ready files in the `dist/` directory.❓

2. Initialize Firebase Hosting

If you haven't already initialized Firebase Hosting in your project, do so by running:❓

`firebase init hosting`

During the setup, specify the following:❓

- **Public directory:** Set this to the path where your production build files are located, typically `dist/your-project-name`.
- **Configure as a single-page app:** Answer "Yes" to this prompt to enable proper routing.
- **Overwrite index.html:** Answer "No" to avoid overwriting your existing build files.❓

3. Update firebase.json Configuration

Ensure your `firebase.json` file is correctly configured to point to your build directory:❓

```
{
  "hosting": {
    "public": "dist/your-project-name",
    "ignore": [
      "firebase.json",
      "**/.*",
      "**/node_modules/**"
    ],
    "rewrites": [
      {
        "source": "**",
        "destination": "/index.html"
      }
    ]
  }
}
```

```
}  
]  
}  
}
```

Replace your-project-name with the actual name of your Angular project.[\[?\]](#)

4. Deploy to Firebase Hosting

Once everything is set up, deploy your application:[\[?\]](#)

firebase deploy

After deployment, Firebase will provide a hosting URL where your application is accessible.[\[?\]](#)

Common Issues and Solutions

Issue 1: Styles Not Loading Correctly

If Angular Material styles are not rendering correctly after deployment, it might be due to the private field in your package.json file. Setting "private": false can resolve this issue. [\[?\]cite\[?\]turn0search0\[?\]\[?\]](#)

Issue 2: Incorrect Build Directory in firebase.json

Ensure that the public field in your firebase.json points to the correct directory where your build files are located. For example, if your build files are in dist/your-project-name, set "public": "dist/your-project-name".

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Additional Resources

- [Firebase Hosting Documentation for Angular](#)
- [Deploy Angular on Firebase Hosting for Free](#)

If you encounter any specific errors during deployment, feel free to provide more details, and I'll be glad to assist further!