

Tech9 Team Member Goals

Reference Table:

Rubrics	https://docs.google.com/spreadsheets/d/1HUKlGRtWNQ2fAlYKf1e07h508SaJekN50fi5sVIt2Jo/edit?usp=sharing
Check-in form that team member fills out	https://forms.gle/EeRzAavT7QaCHdAS6
Check-in form that manager fills out	https://forms.gle/S61YUa3bterPRT24A

Name: Luis Enrique Marroquin Gonzalez

Date: June 23, 2022

Manager: Gifford Jason

What goals do I hope to accomplish in the next 6-12 months?

1. Understand properly micro-frontend architecture by doing it from scratch
2. Learn more about CI/CD with GitHub Actions by creating actions for my project
3. Go deep into webpack config and find a better way to load micro-frontends
4. Both webpack config and jest config are .js files, I want to move them to .ts
5. Learn CDK to automate AWS deployments

Will these goals help me perform above my current level in all of the attributes? If so, how? If not, how do you plan to improve in all the other areas?

Yes, I will be able to improve existing projects and handle an app deployment by myself automatically when doing a push to a repo

Here are the specific steps I will take to accomplish my goals:

1. Create an entire micro-frontend architecture with 2 individual packages (that will deploy to different URLs) inside a monorepo and other repo with the root package
2. Add GitHub Actions to both repos to run unit testing and deploy to AWS (S3 + CloudFront)
3. We have a webpack-load-remote.js file that's a bit weird and hard to read, I want to change it and make MFs loading with a properly typed .ts file
4. I have read that's possible to use typescript files for webpack and jest configuration files, that will help us with the configuration types and intellisense
5. I like AWS, I want to learn to use CDK properly by integrating in the project if possible

Once completed, please have your manager sign and date below:

Manager Signature: _____ Date: _____