

## Class Activity 9 - CI/CD

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Github repository: [https://github.com/MokahalA/GNG\\_Activity9](https://github.com/MokahalA/GNG_Activity9)

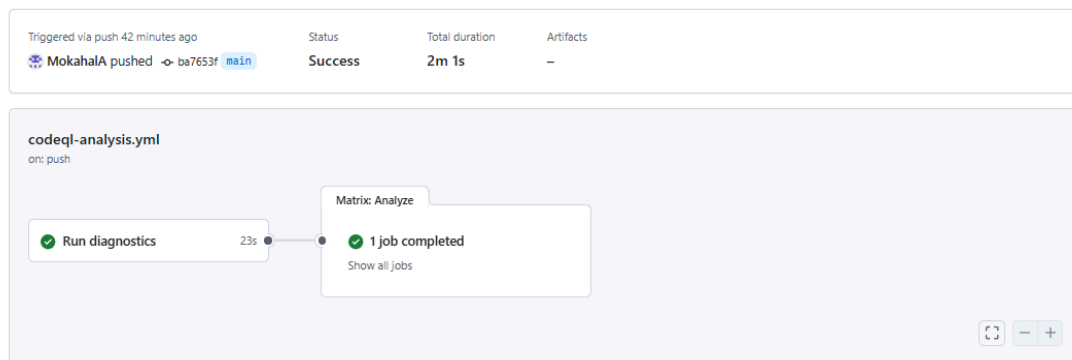
Website deployment link: <https://gng-activity9-cmsxtvuk3-mokahalas-projects.vercel.app/>

For this class activity, a pipeline of workflows using GitHub Actions was set up for the To-Do list application from activity #8. The deployment of this NextJS + FastAPI project was done using Vercel.

Two workflows were created:

### 1. [codeql-analysis.yml](#)

This is a workflow that runs on each commit made to the project, it scans the repository's Python code to find vulnerabilities using CodeQL to automatically detect any security vulnerabilities in the codebase.



### 2. [deploy-frontend.yml](#)

This is a workflow that runs only whenever code is committed to the NextJS folders (`src/`, `public/`, `config/`, etc.). It performs the following steps: sets up the project dependencies, builds the project, and then deploys the frontend code to Vercel if all steps are successful.

