

# Deployment Setup

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## Heroku Setup

This document shows the basics of deploying but assume basic familiarity with Heroku.

The most important thing to note is that you'll need the buildpack: mars/create-react-app

### Create Heroku app

#### Create Service

```
\algorithms-in-action-bluering>heroku create aiabluering --buildpack mars/create-react-app

Creating aiabluering... done
Setting buildpack to mars/create-react-app... done
https://aiabluering.herokuapp.com/ | https://git.heroku.com/aiabluering.git
```

### Manual Deployment

#### Manual Deployment

```
\algorithms-in-action-bluering>git push heroku dev:master

remote: -----> Compressing...
remote:          Done: 106.8M
remote: -----> Launching...
remote:          Released v3
remote:          https://aiabluering.herokuapp.com/ deployed to Heroku
remote:
remote: Verifying deploy... done.
To https://git.heroku.com/aiabluering.git
 * [new branch]      dev -> master
```

### Open App

#### Open App

```
\algorithms-in-action-bluering>heroku open

#This will open the app in the browser
```

## Automated Deployment Setup

## Login to Heroku and navigate to deploy as shown below

HEROKU

Jump to Favorites, Apps, Pipelines, Spaces...

Personal > aiabluering

Overview Resources **Deploy** Metrics Activity Access Settings

**Add this app to a pipeline**  
Create a new pipeline or choose an existing one and add this app to a stage in it.

**Add this app to a stage in a pipeline to enable additional features**  
Pipelines let you connect multiple apps together and **promote code** between them. [Learn more.](#)  
Pipelines connected to GitHub can enable **review apps**, and create apps for new pull requests. [Learn more.](#)

Choose a pipeline

Deployment method

Heroku Git Use Heroku CLI

GitHub Connect to GitHub

Container Registry Use Heroku CLI

## Connect to GitHub( Login to GitHub is required and access grant to Heroku) and select the repo name

Deployment method

Heroku Git Use Heroku CLI

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**Connect to GitHub**  
Connect this app to GitHub to enable code diffs and deploys.

Search for a repository to connect to

dkalathil algorithms-in-action Search

Missing a GitHub organization? [Ensure Heroku Dashboard has team access.](#)

dkalathil/algorithms-in-action Connect

## Enable automatic Deployment for a branch

**Automatic deploys**  
Enables a chosen branch to be automatically deployed to this app.

You can now change your main deploy branch from "master" to "main" for both manual and automatic deploys, please follow the instructions [here](#).

**Enable automatic deploys from GitHub**  
Every push to the branch you specify here will deploy a new version of this app. **Deploys happen automatically:** be sure that this branch is always in a deployable state and any tests have passed before you push. [Learn more.](#)

Choose a branch to deploy

dev

☐ Wait for CI to pass before deploy  
Only enable this option if you have a Continuous Integration service configured on your repo.

**Enable Automatic Deploys**