

Heroku

Introduction of Heroku

- **Heroku** is a cloud platform as a service (PaaS) supporting several programming languages.
- **Heroku** has been in development since June 2007, when it supported only the Ruby programming language, but now also supports Java, Node.js, Scala, Clojure, Python, PHP, and Go.
- **Heroku's** cloud platform manages all DevOps needs, such as continuous delivery and continuous integration (CI/CD).
- **Heroku** like all cloud-based containers that allows users to deploy applications by providing compute and memory resources.
- **Heroku** provides database management and web hosting services.

Intended Learning Objectives

This lesson will discuss following:

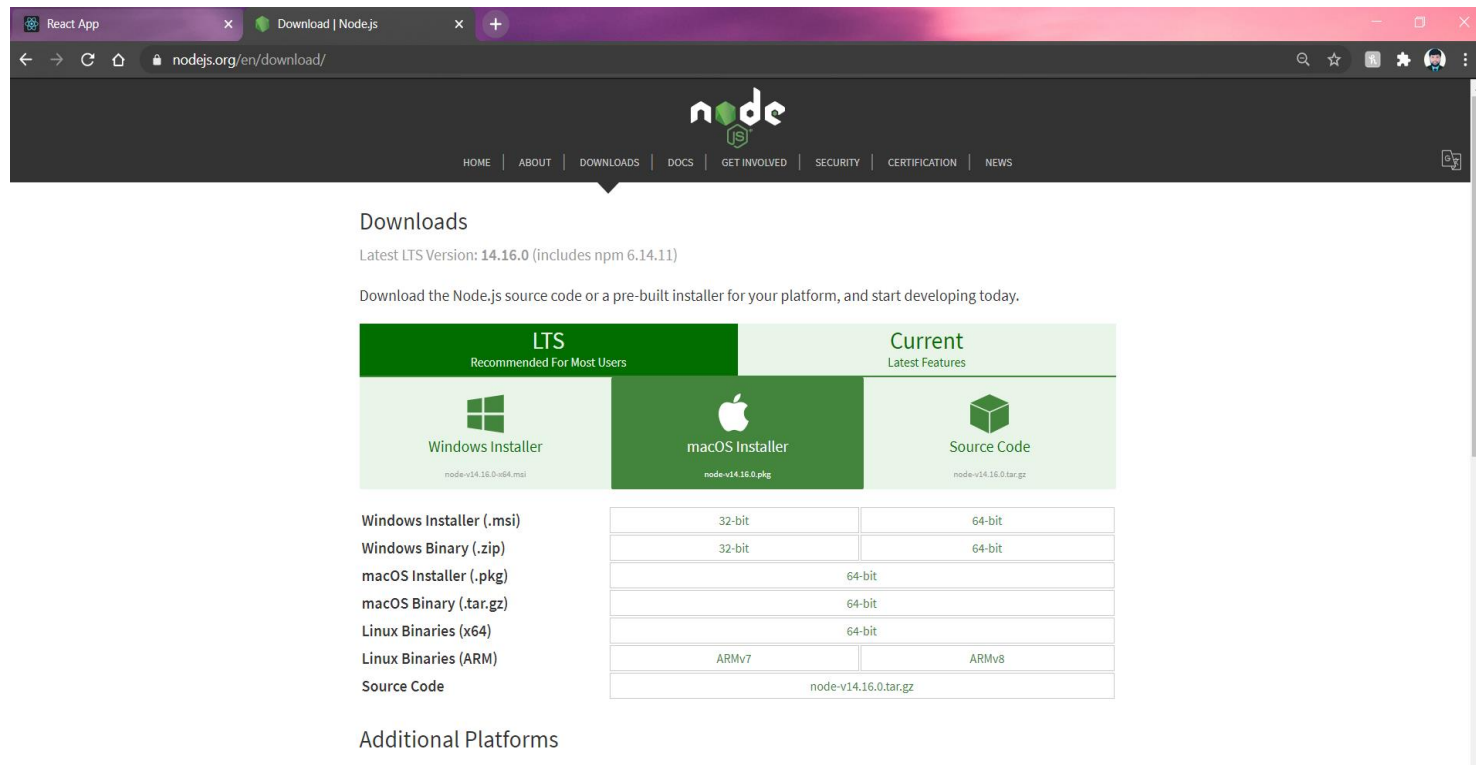
- a) Create your app (React.JS App)
- b) Create Heroku Account
- c) Deploy your app (Host your App on Heroku)

What is React.js?

- The React.js framework is an open-source JavaScript framework and library developed by Facebook.
- React has brought revolution in web development by providing a powerful and efficient way to build interactive user interfaces.
- It's used for building **interactive user interfaces and web applications quickly and efficiently with significantly less code than you would with JavaScript.**
- React lets you build user interfaces out of individual pieces called components. Create your own React components like Thumbnail, LikeButton, and Video. Then combine them into entire screens, pages, and apps.
 - In React, you develop your applications by creating reusable components that you can think of as independent Lego blocks.
- These components are individual pieces of a final interface, which, when assembled, form the application's entire user interface.
- **For learn more :** <https://react.dev/learn>

Create Your App (Javascript)

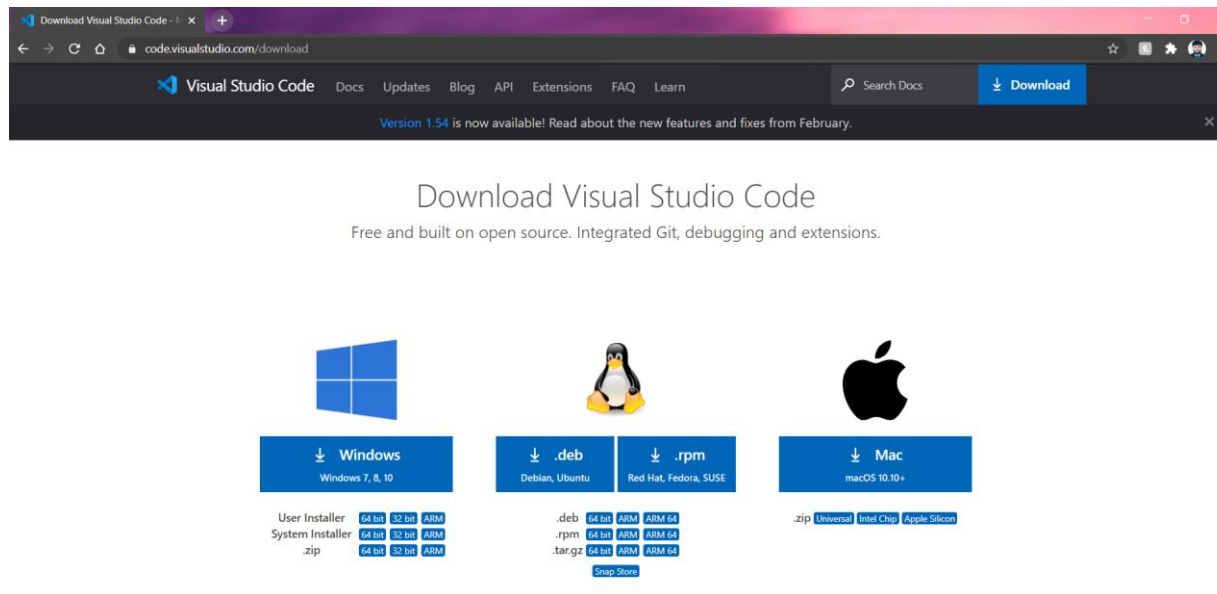
- Download and install Node.js
- <https://nodejs.org/en/download>



- *Open source, **cross-platform JavaScript runtime environment** and library used for running web applications outside the client's browser.*

Create Your App

- Download and Install Visual Studio Code
- <https://code.visualstudio.com/download>



Visual Studio Code is a source-code editor that can be used with a variety of programming languages, including C, C#, C++, Fortran, Go, Java, JavaScript, Node

Create Your App

Installation Visual Studio Code

The screenshot shows a web browser window displaying the Visual Studio Code documentation page. The browser's address bar shows the URL `code.visualstudio.com/docs/?dv=win`. The page features a dark header with the Visual Studio Code logo, navigation links (Docs, Updates, Blog, API, Extensions, FAQ), a search bar, and a blue 'Download' button. A banner below the header announces 'Version 1.43 is now available!'. The main content area is divided into a left sidebar with navigation links (Overview, SETUP, GET STARTED, USER GUIDE, LANGUAGES, etc.), a central article titled 'Getting Started' which includes a sub-section 'Visual Studio Code in Action' showing code snippets, and a right sidebar with 'GETTING STARTED' links and social media options. Overlaid on the center of the page is a Windows installation window titled 'Setup - Microsoft Visual Studio Code (User)'. The window shows an 'Installing' status with the message 'Please wait while Setup installs Visual Studio Code on your computer.' and a progress bar for 'Extracting files...' at the path `C:\...\Local\Programs\Microsoft VS Code\resources\app\node_modules.asar`. The Windows taskbar at the bottom includes the search bar and various application icons.

Visual Studio Code

Docs Updates Blog API Extensions FAQ

Search Docs

Download

Version 1.43 is now available! Read about the new features and fixes from February.

Overview

SETUP

GET STARTED

USER GUIDE

LANGUAGES

NODE.JS / JAVASCRIPT

TYPESCRIPT

PYTHON

JAVA

C++

CONTAINERS

AZURE

REMOTE

Getting Started

Visual Studio Code is available for Windows, macOS, and Linux. It's a free, open-source code editor made by Microsoft. It has a rich set of features for building and optimizing modern web applications, including support for Node.js and has a rich ecosystem of extensions (such as Go) and runtimes (such as Docker) to help you build your applications. Watch introductory videos.

Visual Studio Code in Action

```
4 var server = express();
5 server.use(bodyParser.json);
6
7 server.get('/', function (req, res) {
8   res.json({ name: 'Express' });
9 });
10
```

GETTING STARTED

VS Code in Action

Top Extensions

First Steps

Keyboard Shortcuts

Downloads

Privacy

Tweet this link

Subscribe

Ask questions

Follow @code

Request features

Report issues

Watch videos

Cancel

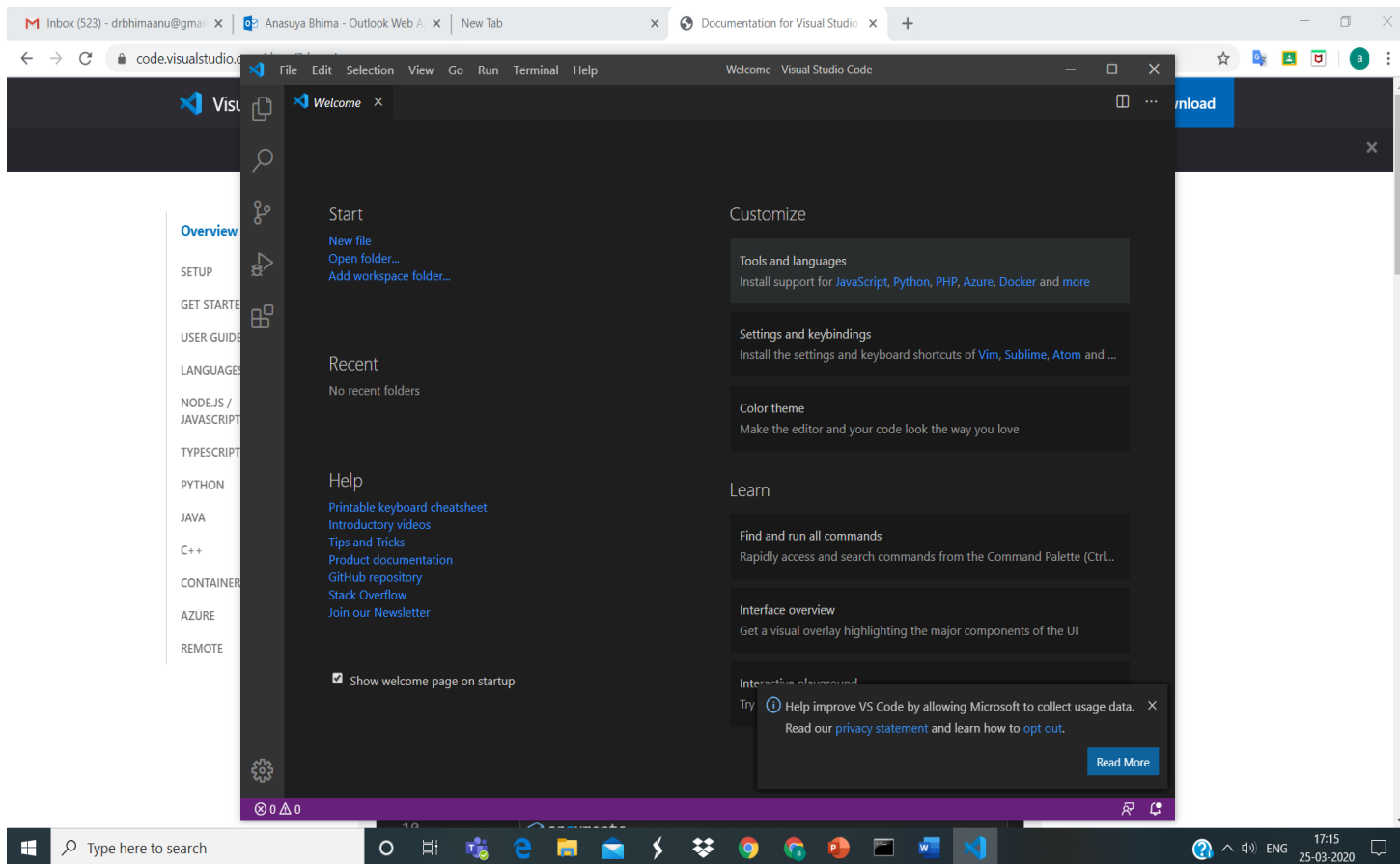
Type here to search

17:15 25-03-2020

Create Your App

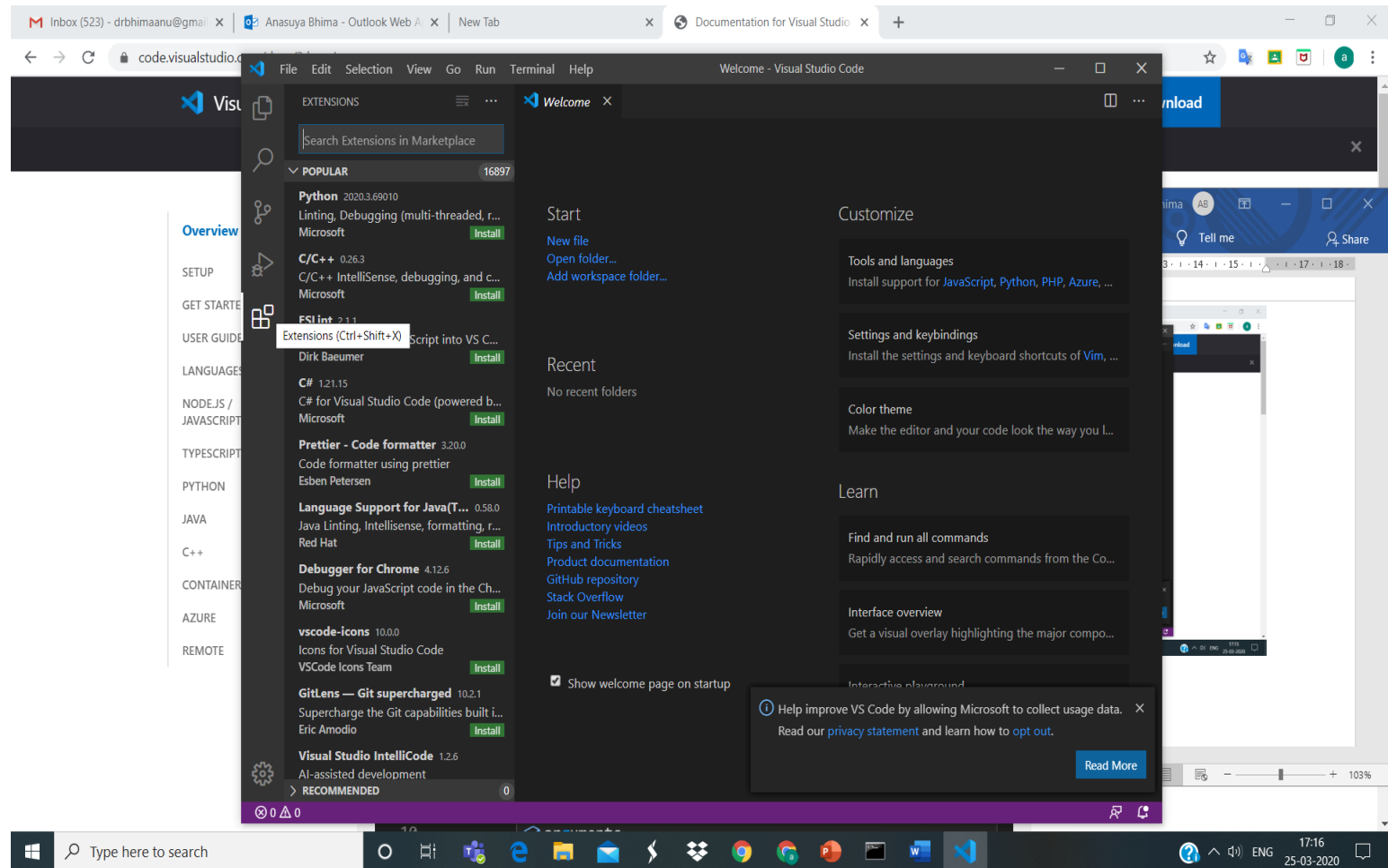
To Create a React- App we Need to Install two Extensions in Visual Studio Code:

1. React Snippets
2. Prettier- Code Formatter



Create Your App

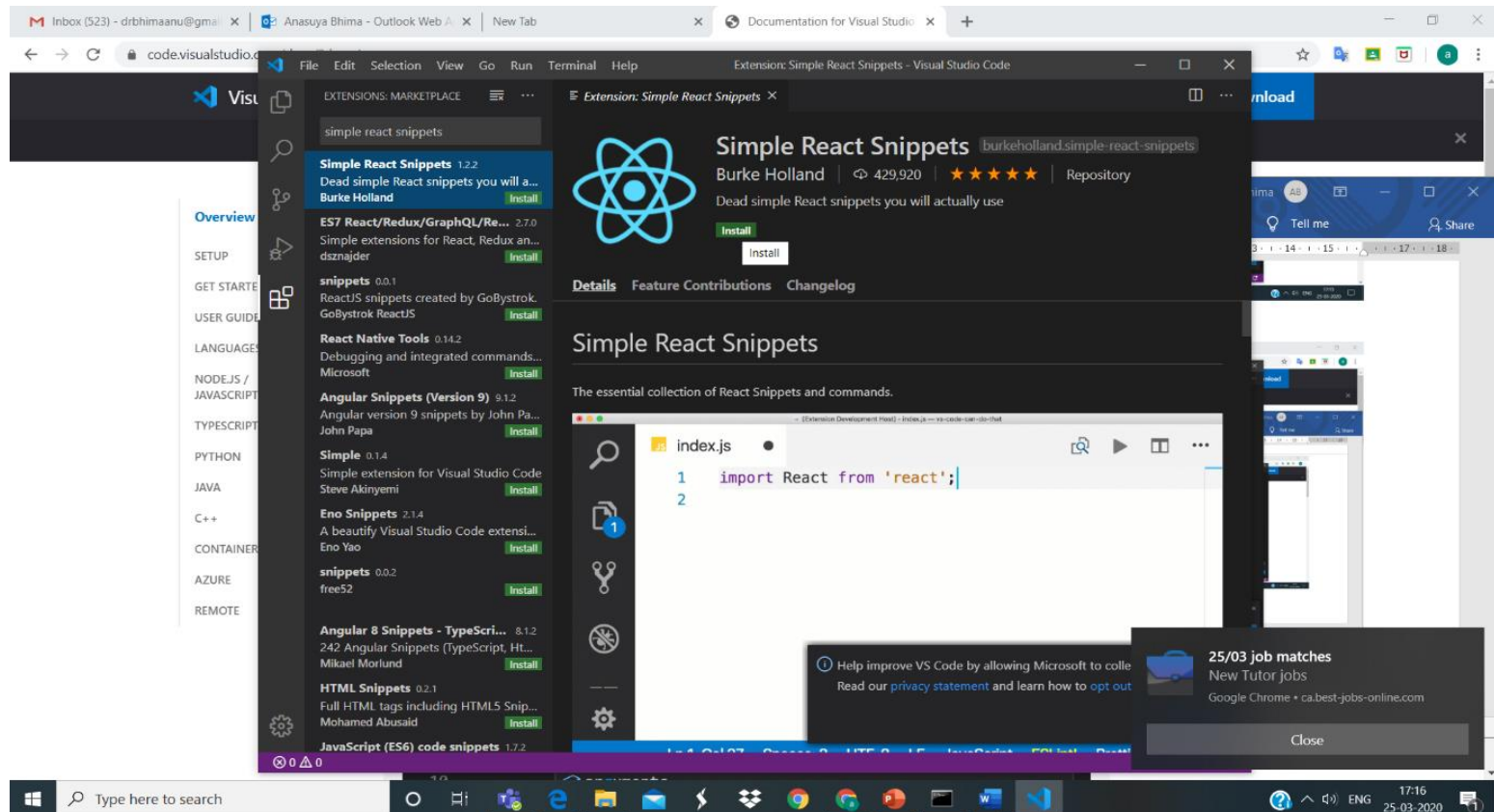
- Search **Simple React Snippets** extension



Create Your App

What is the Simple React Snippets ?

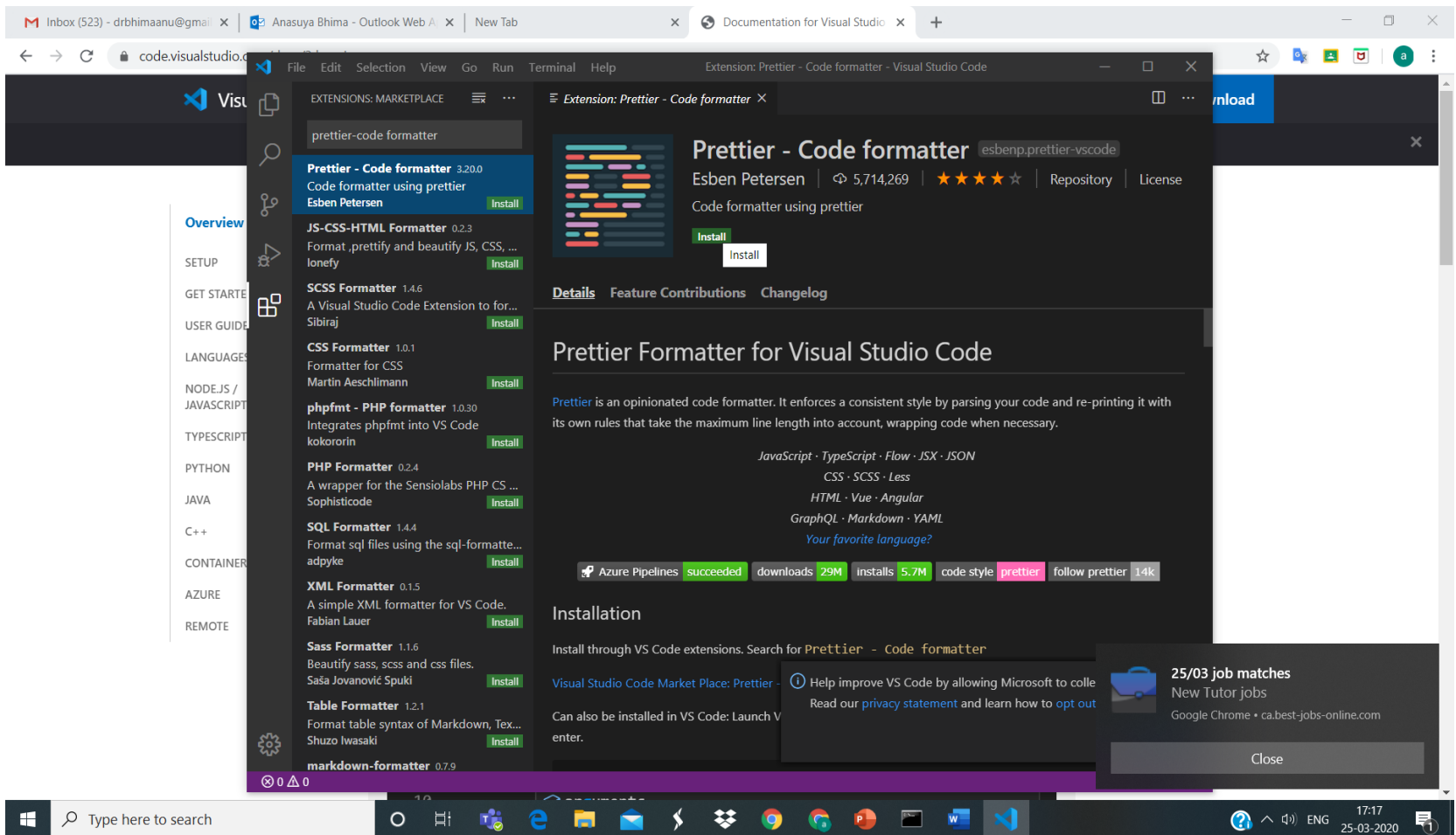
- These snippets are **used to speed up workflow.**
- The snippets from this extension **give us the ability to spend less time typing out the base code and**
- **spend more time focusing on the actual functionality.**



Create Your App

Prettier- Code Formatter Extension

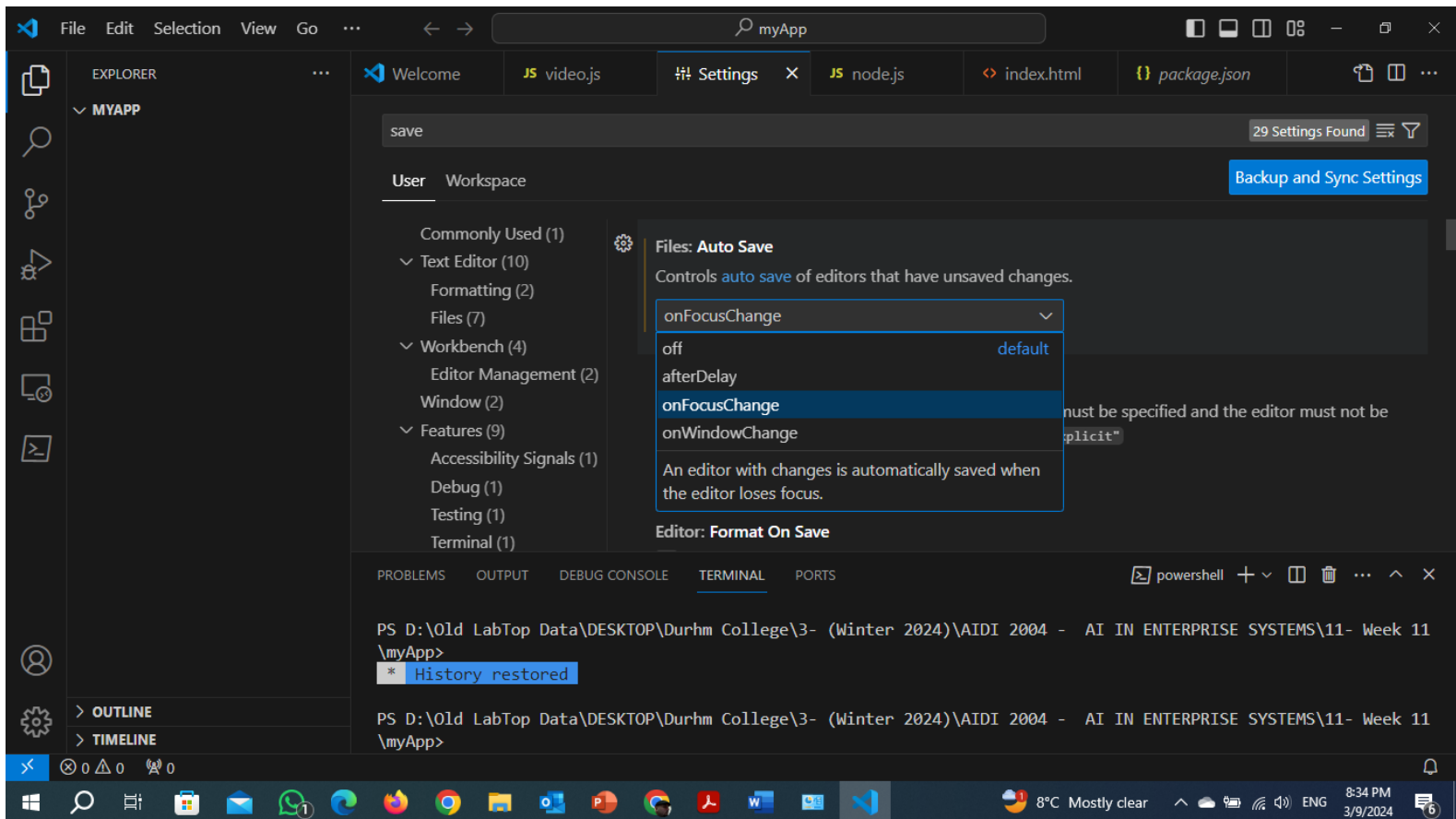
- It enforces a consistent style by parsing your code.



Create Your App

How to automatically save your works

- File -> Preferences -> Settings
- Search: [Save](#)
- Format on Save: [onFocusChange](#)

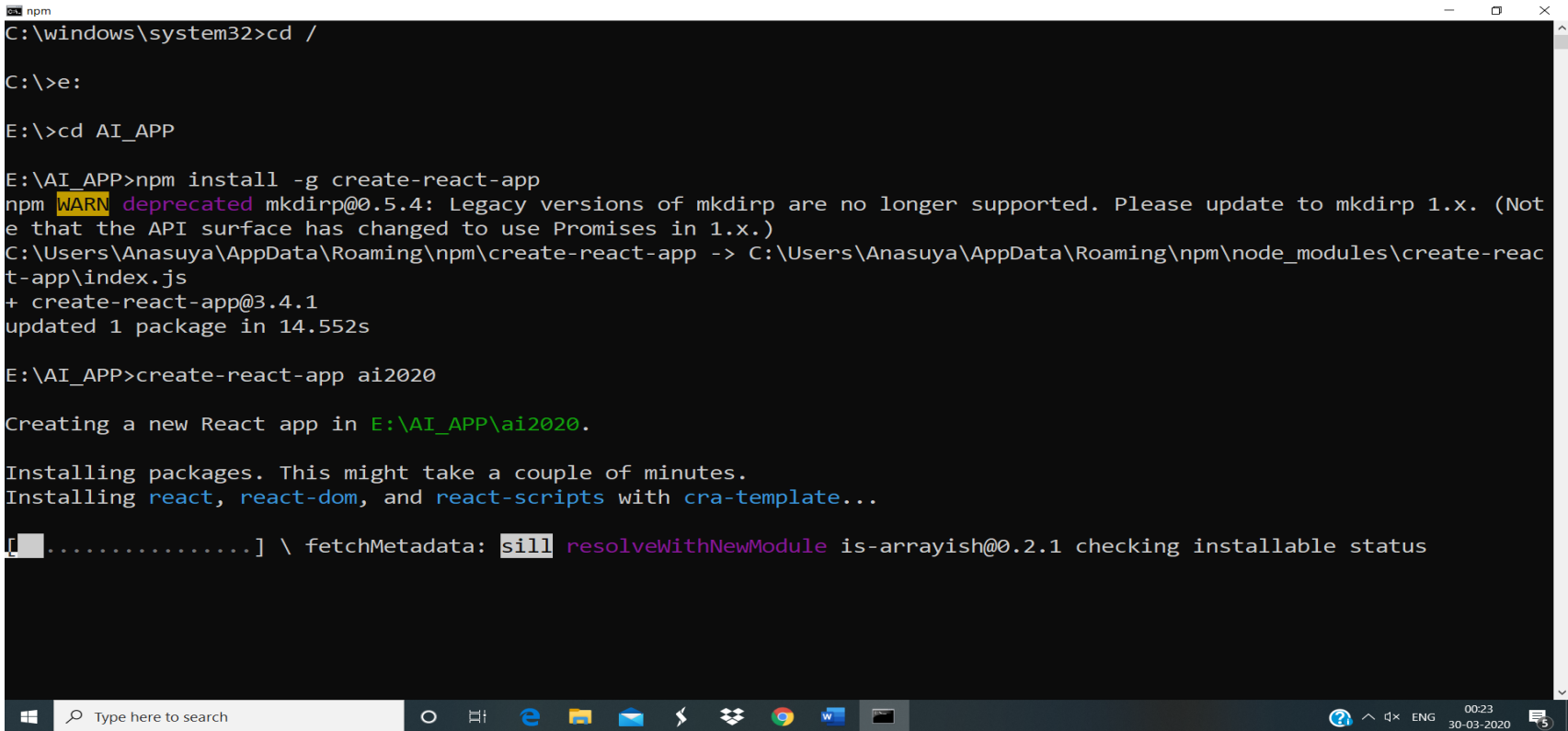


React App

1. `npm install -g create-react-app`
2. `create-react-app my-app-name ai2021`
3. `cd my-app-name ai2021`
4. `npm start`

Create Your App

npm install -g create-react-app



```
npm
C:\windows\system32>cd /

C:\>e:

E:\>cd AI_APP

E:\AI_APP>npm install -g create-react-app
npm WARN deprecated mkdirp@0.5.4: Legacy versions of mkdirp are no longer supported. Please update to mkdirp 1.x. (Note that the API surface has changed to use Promises in 1.x.)
C:\Users\Anasuya\AppData\Roaming\npm\create-react-app -> C:\Users\Anasuya\AppData\Roaming\npm\node_modules\create-react-app\index.js
+ create-react-app@3.4.1
updated 1 package in 14.552s

E:\AI_APP>create-react-app ai2020

Creating a new React app in E:\AI_APP\ai2020.

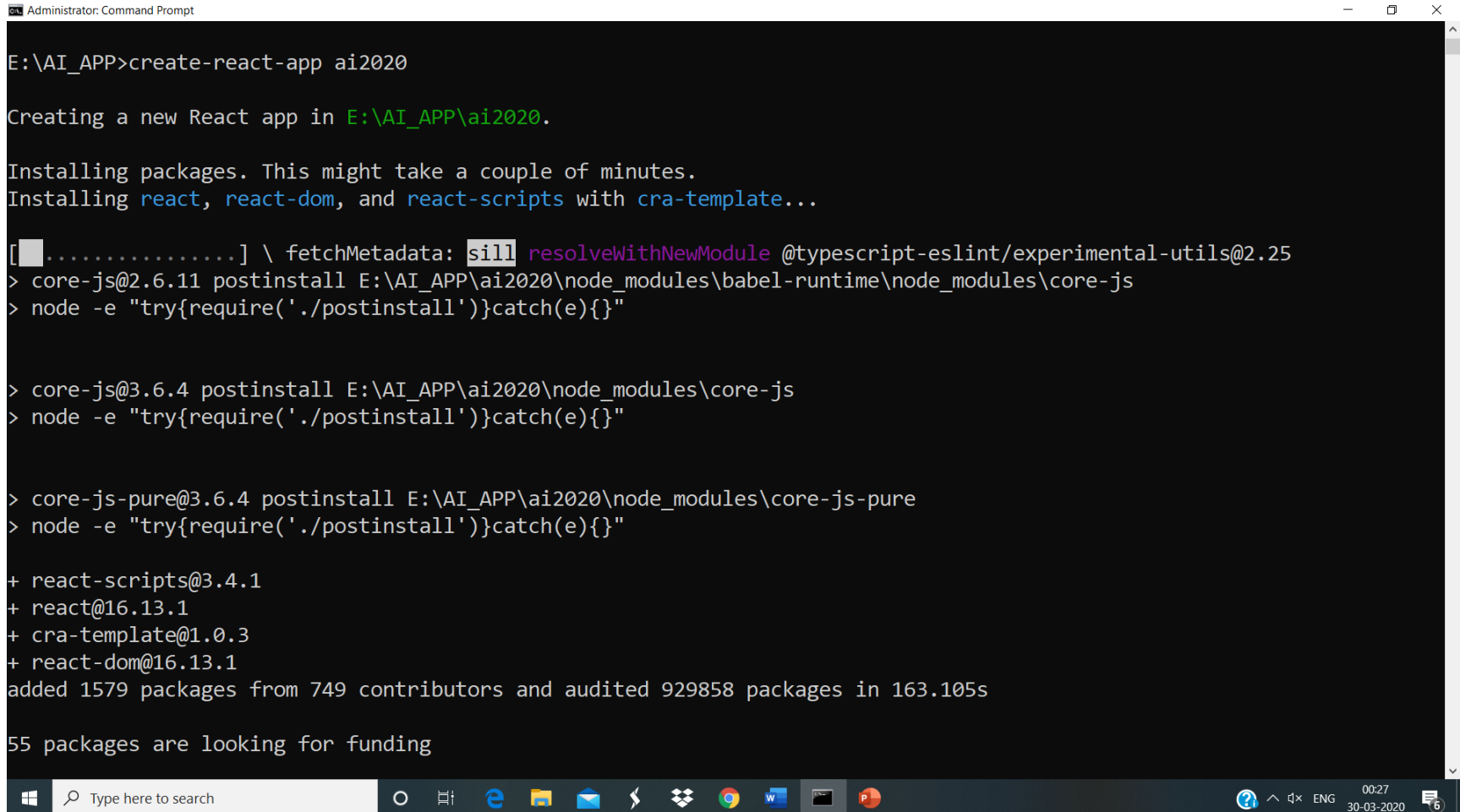
Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

[.....] \ fetchMetadata: sill resolveWithNewModule is-arrayish@0.2.1 checking installable status
```

React (also known as React.js or ReactJS) is a free and open-source front-end JavaScript library for building user interfaces based on components

Create Your App

create-react-app **my-app-name** (ex: ai2021)



```
Administrator: Command Prompt

E:\AI_APP>create-react-app ai2020

Creating a new React app in E:\AI_APP\ai2020.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

[.....] \ fetchMetadata: sill resolveWithNewModule @typescript-eslint/experimental-utils@2.25
> core-js@2.6.11 postinstall E:\AI_APP\ai2020\node_modules\babel-runtime\node_modules\core-js
> node -e "try{require('./postinstall')}catch(e){}"

> core-js@3.6.4 postinstall E:\AI_APP\ai2020\node_modules\core-js
> node -e "try{require('./postinstall')}catch(e){}"

> core-js-pure@3.6.4 postinstall E:\AI_APP\ai2020\node_modules\core-js-pure
> node -e "try{require('./postinstall')}catch(e){}"

+ react-scripts@3.4.1
+ react@16.13.1
+ cra-template@1.0.3
+ react-dom@16.13.1
added 1579 packages from 749 contributors and audited 929858 packages in 163.105s

55 packages are looking for funding
```

Create Your App

Administrator: Command Prompt

found 0 vulnerabilities

Success! Created ai2020 at E:\AI_APP\ai2020

Inside that directory, you can run several commands:

`npm start`

Starts the development server.

`npm run build`

Bundles the app into static files for production.

`npm test`

Starts the test runner.

`npm run eject`

Removes this tool and copies build dependencies, configuration files and scripts into the app directory. If you do this, you can't go back!

We suggest that you begin by typing:

`cd ai2020`

`npm start`

Happy hacking!

E:\AI_APP>_

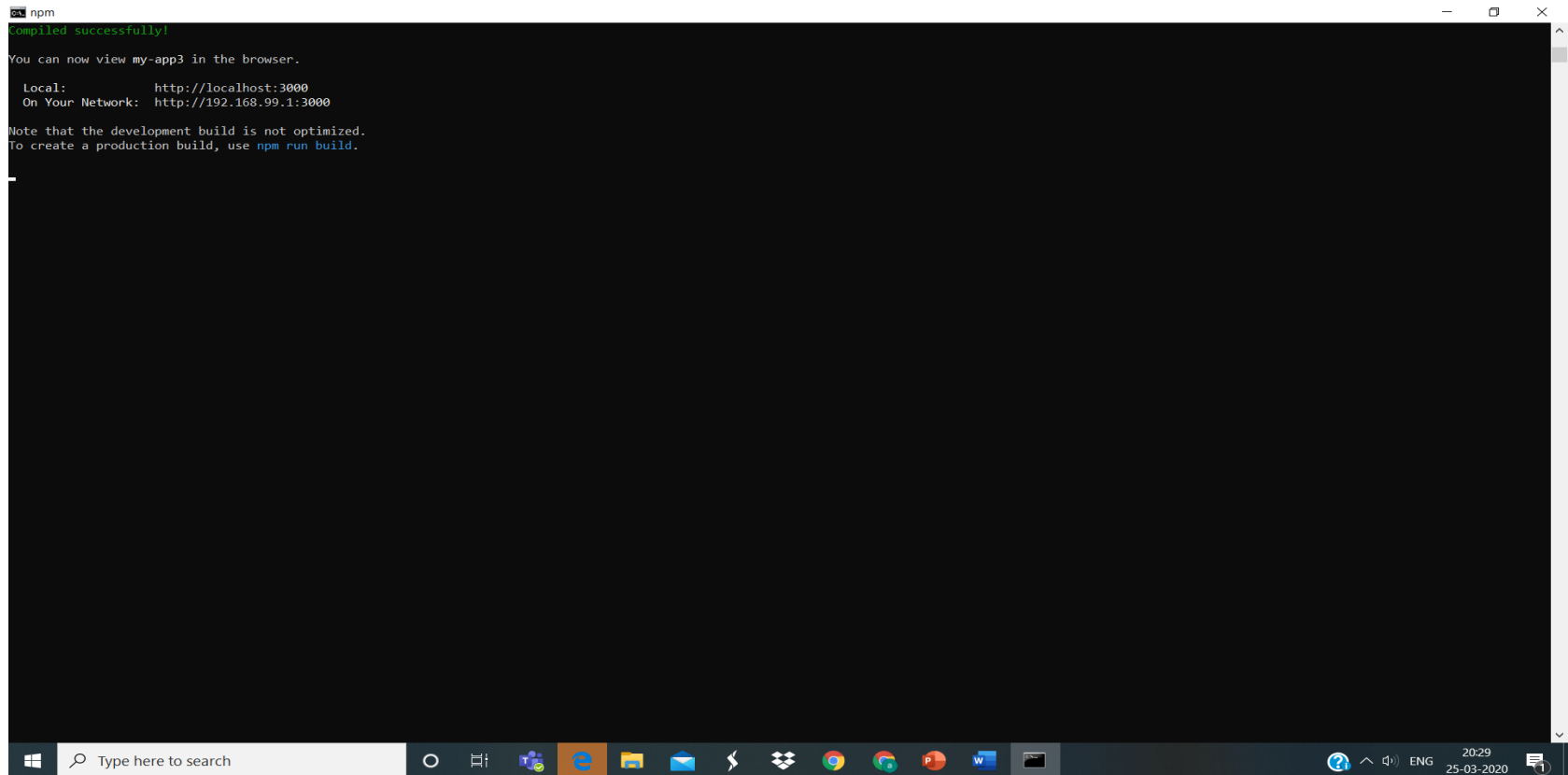
Type here to search



00:27 30-03-2020 ENG

Create Your App

- `cd ai2021`
- `npm start`
- `Ctrl + C`



The screenshot shows a Windows terminal window with a black background and green text. The text indicates that the application has been compiled successfully and is now running on localhost:3000. It also provides instructions on how to view the application in a browser and how to create a production build.

```
npm
Compiled successfully!

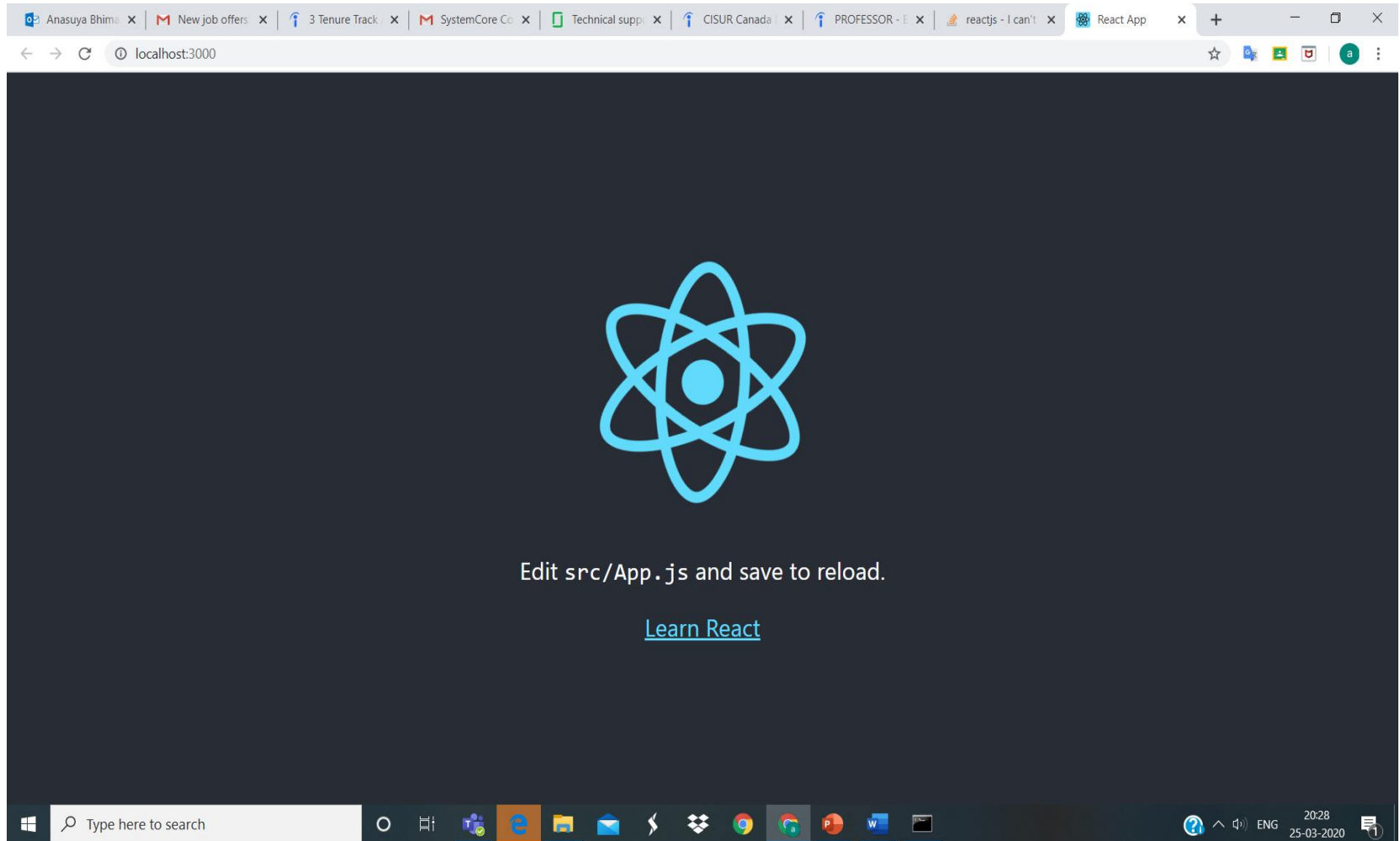
You can now view my-app3 in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://192.168.99.1:3000

Note that the development build is not optimized.
To create a production build, use npm run build.
```

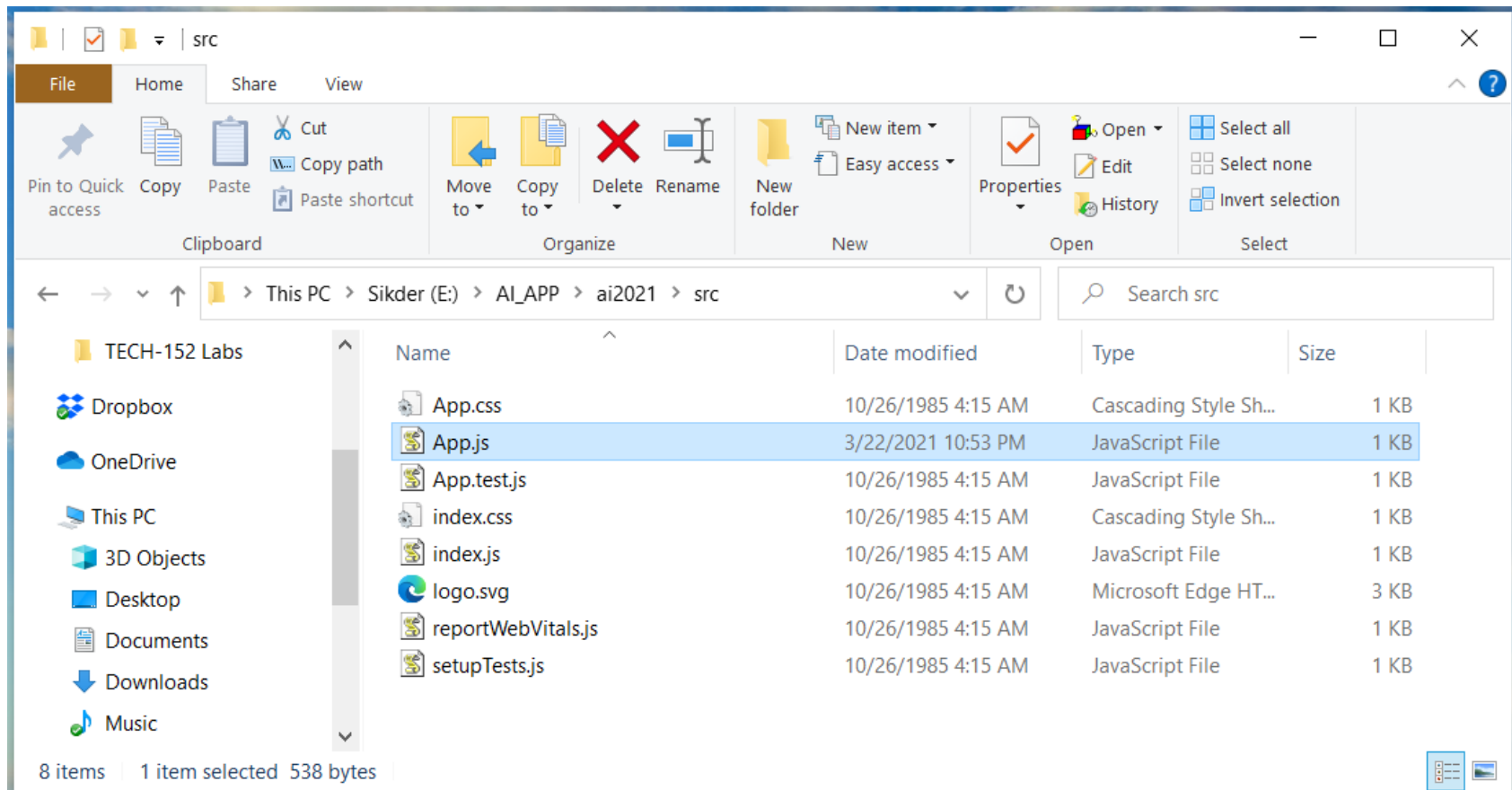
The terminal window is titled 'npm' and has standard Windows window controls (minimize, maximize, close) in the top right corner. The Windows taskbar is visible at the bottom, showing the search bar and several application icons.

Create Your App



Modify the Content of the App

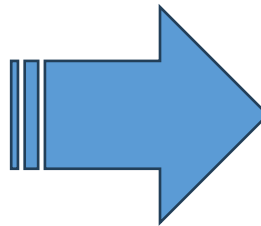
- Open **APP.js** file with **Visual Studio Code**



Modify the Content of the App

- Open **APP.js** file with **Visual Studio Code**

```
myrectapp > src > JS App.js > App
3
4 function App() {
5   return (
6     <div className="App">
7       <header className="App-header">
8         <img src={logo} className="App-logo" alt="logo" />
9         <p>
10           Edit <code>src/App.js</code> and save to reload.
11         </p>
12         <a
13           className="App-link"
14           href="https://reactjs.org"
15           target="_blank"
16           rel="noopener noreferrer"
17         >
18           Learn React
19         </a>
20       </header>
21     </div>
22   );
23 }
24
```



```
myrectapp > src > JS App.js > App
21 // </div>
22 // );
23 // }
24
25 // export default App;
26
27 import React from 'react';
28 import LikeButton from './LikeButton';
29 function App() {
30   return (
31     <div>
32       <h1> Hello World! </h1>
33     </div>
34   );
35 }
36
37 export default App;
38
```

Modify the Content of the App (New Component to React App)

Step 1: Creating the Like Button Component

- After setting up a simple React project, we can now construct a new component for our "like" button. In the project's src directory, create a new file called **LikeButton.js**
- We are importing React and the `useState` hook from the react package into this code. We will add state to our component—in this case, the number of likes—using the **`useState`** hook. When the button is clicked, the initial state is set to 0, and the **`setLikes`** function is used to update the state and re-render the component with the revised amount of likes.
- A conditional style can be added to our button to show when it has been liked. To track whether the button has been liked or not, we will add a new state variable to our component. Once the button has been liked, we can use this state variable to give it a different class

```
// LikeButton.js
import React, { useState } from "react";
import "../App.css";
function LikeButton() {
  const [likes, setLikes] = useState(0);
  const [liked, setLiked] = useState(false);
  return (
    <button
      className={`like-button ${liked ? 'liked' : ''}`}
      onClick={() => {
        setLikes(likes + 1);
        setLiked(true);
      }}
    >
      {likes} Likes
    </button>
  );
}
export default LikeButton;
```

Modify the Content of the App (New Component to Rect App)

Step 2: Styling the Like Button

- Define new CSS in App.css, we can style our "like" button

```
.like-button-container {
  display: flex;
  justify-content: center;
  align-items: center;
  margin: 20px;
}
.like-button {
  border: none;
  outline: none;
  background-color: transparent;
  font-size: 18px;
  font-weight: bold;
  color: #333;
  cursor: pointer;
  transition: all 0.2s ease-in-out;
  padding: 10px 20px;
  border: 2px solid #333;
}
.like-button:hover {
  color: #fff;
  background-color: #333;
}
.like-button.liked {
  color: #ff69b4;
  border-color: #ff69b4;
}
/* For mobile screens */
@media (max-width: 768px) {
  .like-button-container {
    flex-direction: column;
  }
  .like-button {
    font-size: 16px;
    margin-bottom: 10px;
    padding: 8px 16px;
    border-width: 1px;
  }
}
```

Modify the Content of the App (New Component to Rect App)

Step 3: Adding the Like Button to the App

- Finally: We need to include our like button component in our app now that we have it

```
import React from 'react';
import LikeButton from './LikeButton';
function App() {
  return (
    <div>
      <LikeButton />
    </div>
  );
}

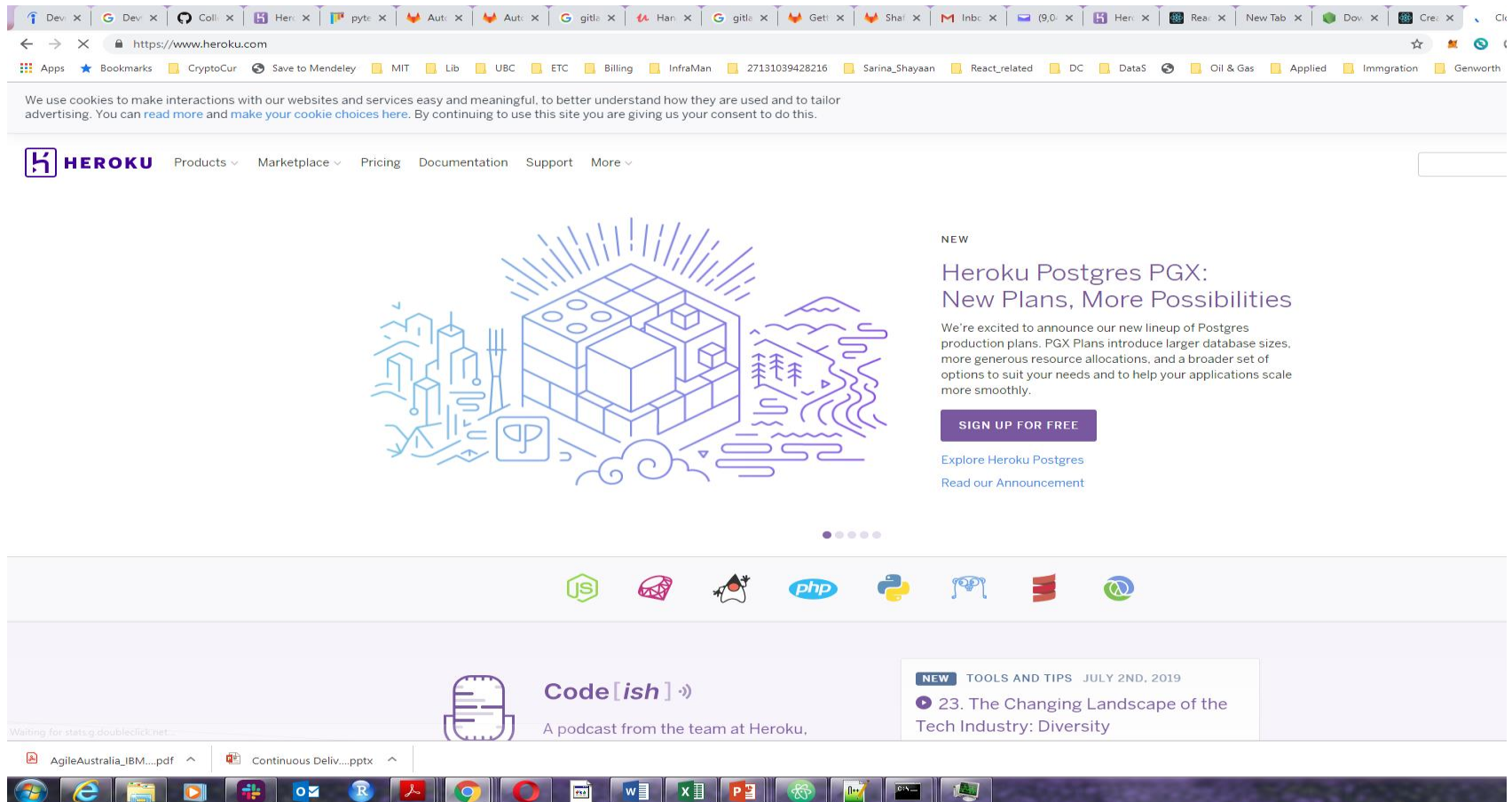
export default App;
```

.gitignore

- **Note:** **.gitignore** automatically created
- If you create a file in your repository named **.gitignore**, Git uses it to determine which **files and directories to ignore** before you make a commit (**untracked files that Git should ignore**), .
- A .gitignore file should be committed into your repository, in order to share the ignore rules with any other users that clone the repository.
- If you don't want to create a .gitignore file to share with others, you can create rules that are not committed with the repository
- You can ignore any specific folder and its content as well.
- <https://git-scm.com/docs/gitignore>

Create Heroku Account

<https://id.heroku.com/login>



The screenshot shows the Heroku website homepage in a web browser. The browser's address bar displays `https://www.heroku.com`. The page features a navigation bar with links to Products, Marketplace, Pricing, Documentation, Support, and More. A large illustration of a city skyline with a central building is prominent. To the right, a 'NEW' announcement for 'Heroku Postgres PGX: New Plans, More Possibilities' is displayed, including a 'SIGN UP FOR FREE' button and links to explore Heroku Postgres and read the announcement. Below this, a row of logos for various programming languages and frameworks (JS, Ruby, Python, PHP, etc.) is shown. At the bottom, there is a section for 'Code[ish]' podcast and a 'NEW TOOLS AND TIPS' section dated July 2nd, 2019, featuring an article titled '23. The Changing Landscape of the Tech Industry: Diversity'.

Dev x Dev x Coll x Her x pyth x Aut x Aut x gitl x Han x Gitl x Getl x Sha x Inbc x (9,0 x Her x Rea x New Tab x Dov x Cre x Cl

← → × <https://www.heroku.com> ☆ 🏠 🔍

Apps ★ Bookmarks 📁 CryptoCur 📁 Save to Mendeley 📁 MIT 📁 Lib 📁 UBC 📁 ETC 📁 Billing 📁 InfraMan 📁 27131039428216 📁 Sarina_Shayaan 📁 React_related 📁 DC 📁 DataS 📁 Oil & Gas 📁 Applied 📁 Immigration 📁 Genworth

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HEROKU Products ▾ Marketplace ▾ Pricing Documentation Support More ▾

NEW

Heroku Postgres PGX: New Plans, More Possibilities

We're excited to announce our new lineup of Postgres production plans. PGX Plans introduce larger database sizes, more generous resource allocations, and a broader set of options to suit your needs and to help your applications scale more smoothly.

[SIGN UP FOR FREE](#)

[Explore Heroku Postgres](#)
[Read our Announcement](#)

JS Ruby Python PHP

Code[ish] 🎧
A podcast from the team at Heroku.

NEW TOOLS AND TIPS JULY 2ND, 2019
🔹 23. The Changing Landscape of the Tech Industry: Diversity

Waiting for stats.g.doubleclick.net

AgileAustralia_IBM...pdf Continuous Deliv...pptx

Create Heroku Account

Create App

dashboard.heroku.com/new-app

Sign In GitHub Projects · GitLab Install GitLab Runne... Registering runners... Console Home | Co... Home - Microsoft A... Free Cloud Computi... Account | Heroku All Bookmarks

Salesforce Platform

HEROKU

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

Create New App

App name

app-name

Choose a region

United States

Add to pipeline...

Create app Cancel

heroku.com Blogs Careers Documentation Support

Terms of Service Privacy Cookies © 2024 Salesforce.com

8°C 10:09 PM 3/9/2024

Create Heroku Account

The screenshot shows a web browser window with the Heroku dashboard for an application named 'app-ai2024'. The browser's address bar shows the URL 'dashboard.heroku.com/apps/app-ai2024/deploy/heroku-git'. The Heroku header includes the logo, a search bar with the text 'Jump to Favorites, Apps, Pipelines, Spaces...', and a user profile icon. Below the header, the page is titled 'Personal > app-ai2024' with 'Open app' and 'More' buttons. A navigation bar contains links for Overview, Resources, Deploy (which is active), Metrics, Activity, Access, and Settings. The main content area is divided into two sections. The first section, 'Add this app to a pipeline', explains that pipelines connect multiple apps and promote code between them, with a 'Learn more' link. It includes a 'Choose a pipeline' dropdown menu. The second section, 'Add this app to a stage in a pipeline to enable additional features', explains that pipelines connected to GitHub can enable review apps and create apps for new pull requests, also with a 'Learn more' link. At the bottom, the 'Deployment method' section offers three options: 'Heroku Git Use Heroku CLI' (highlighted with a purple border), 'GitHub Connect to GitHub', and 'Container Registry Use Heroku CLI'. The Windows taskbar at the bottom shows various open applications and the system clock indicating 10:09 PM on 3/9/2024.

app-ai2024 · Heroku-git | Heroku

Inbox - aounmt@gmail.com

dashboard.heroku.com/apps/app-ai2024/deploy/heroku-git

Sign In GitHub Projects · GitLab Install GitLab Runne... Registering runners... Console Home | Co... Home - Microsoft A... Free Cloud Computi... Account | Heroku All Bookmarks

Salesforce Platform

HEROKU

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

Personal > app-ai2024

Open app More

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

Windows taskbar: 10:09 PM 3/9/2024

what is the heroku account?

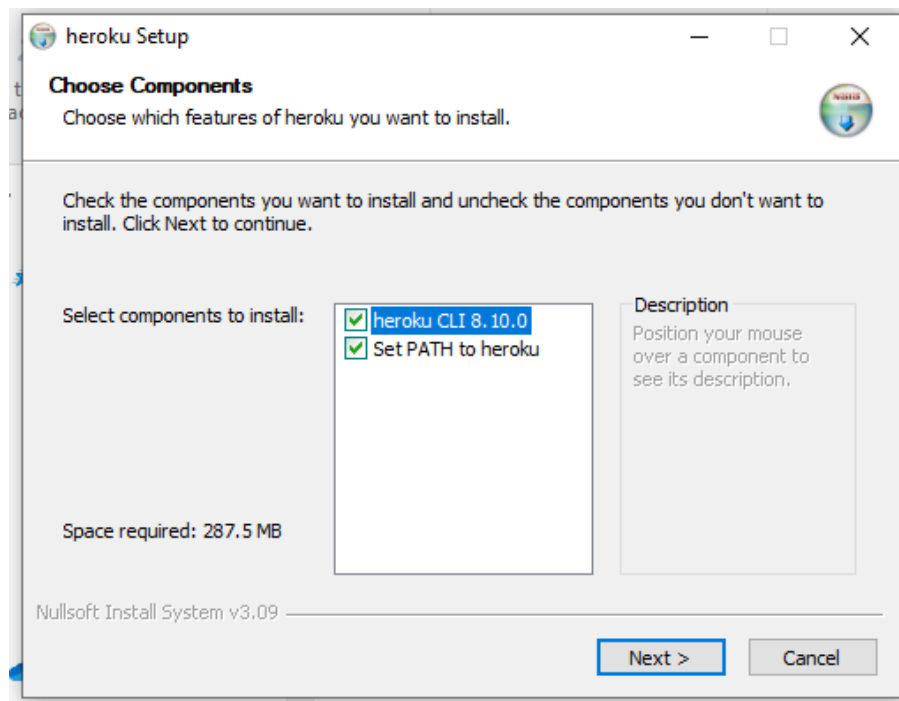
- Heroku is a cloud platform as a service (PaaS) supporting several programming languages.
- One of the first cloud platforms,
- Heroku has been in development since June 2007, when it supported only the Ruby programming language, but now supports Java, Node.js, Scala, Clojure, Python, PHP, and Go
- <https://www.youtube.com/watch?v=sP-CIDyQUSc>

Steps for deploying your app on heroku

Steps: <https://www.freecodecamp.org/news/how-to-deploy-an-application-to-heroku/>

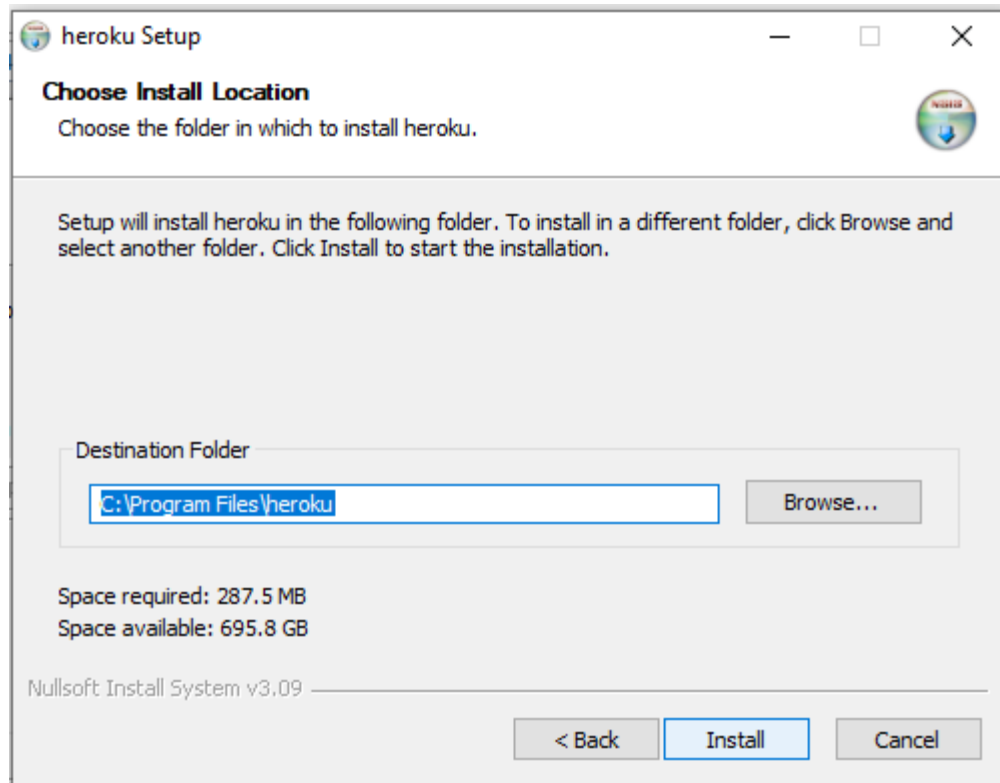
Install the Heroku CLI (<https://devcenter.heroku.com/articles/heroku-cli#install-the-heroku-cli>)

Download and install the Heroku CLI.



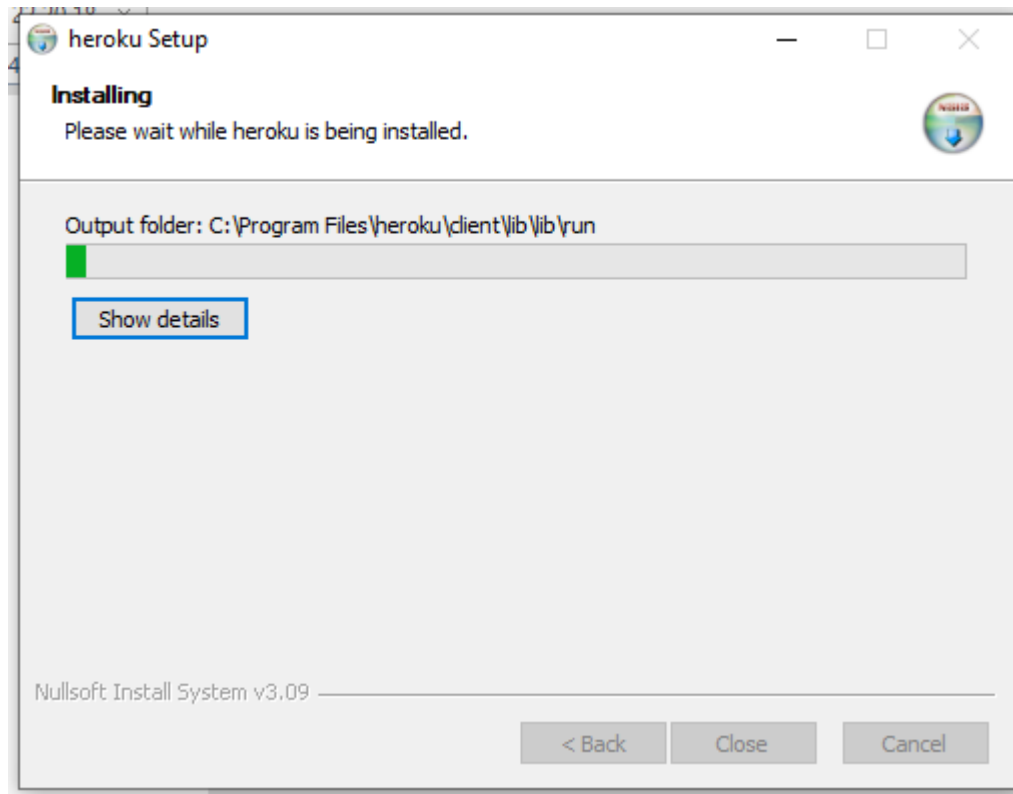
Steps for deploying your app on heroku

Download and install the Heroku CLI.



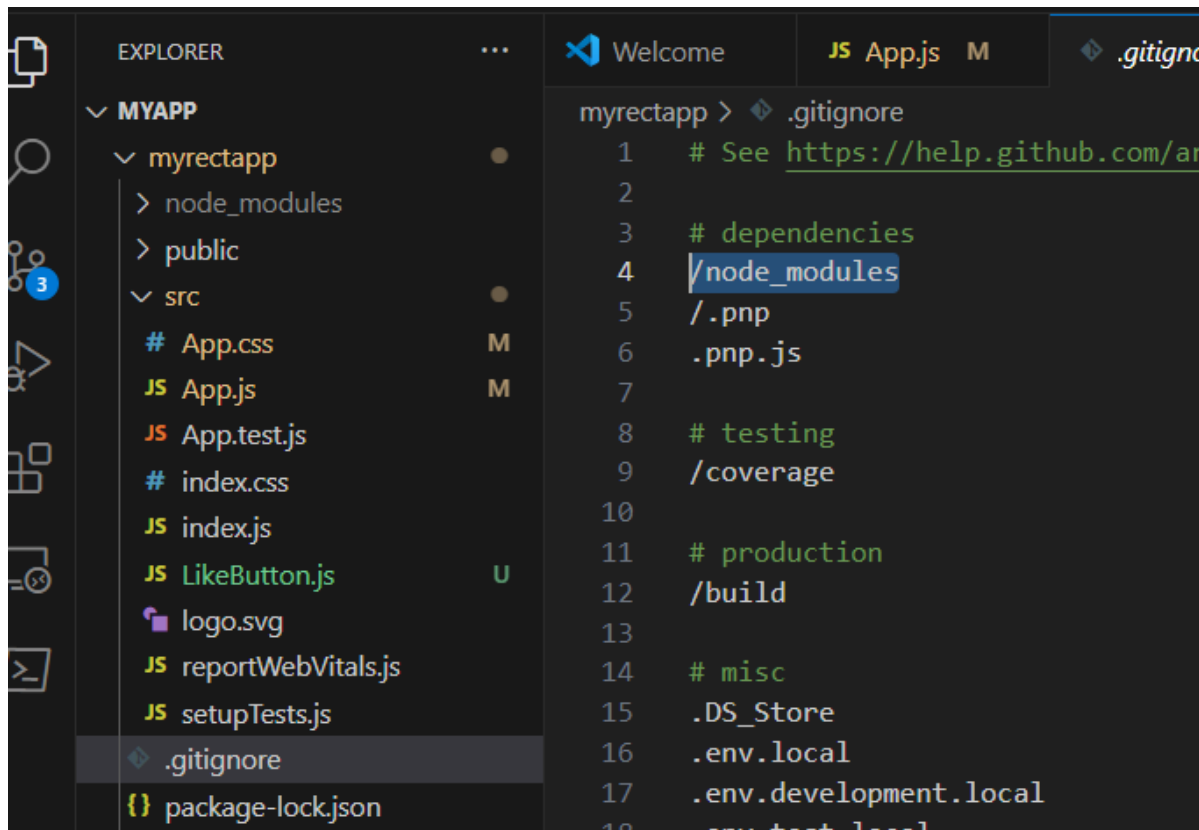
Steps for deploying your app on heroku

Download and install the Heroku CLI.



Steps for deploying your app on heroku

We must ignore some files. We want to upload to the repository only the code, without irrelevant files for example dependencies (the installed modules). For that, we need to write (`/node_modules`) inside the file `.gitignore`.



The screenshot shows the Visual Studio Code interface. On the left, the Explorer sidebar displays a project structure under 'MYAPP'. The 'myrectapp' folder is expanded, showing subfolders 'node_modules', 'public', and 'src'. The 'src' folder contains files: 'App.css', 'App.js', 'App.test.js', 'index.css', 'index.js', 'LikeButton.js', 'logo.svg', 'reportWebVitals.js', and 'setupTests.js'. Below these are '.gitignore' and 'package-lock.json'. The main editor area shows the content of the '.gitignore' file, which includes comments and patterns for ignoring files. The pattern '/node_modules' is highlighted with a blue selection box.

```
myrectapp > .gitignore
1  # See https://help.github.com/articles/
2
3  # dependencies
4  /node_modules
5  /.pnp
6  .pnp.js
7
8  # testing
9  /coverage
10
11 # production
12 /build
13
14 # misc
15 .DS_Store
16 .env.local
17 .env.development.local
18 .env.test.local
```


Steps for deploying your app on heroku

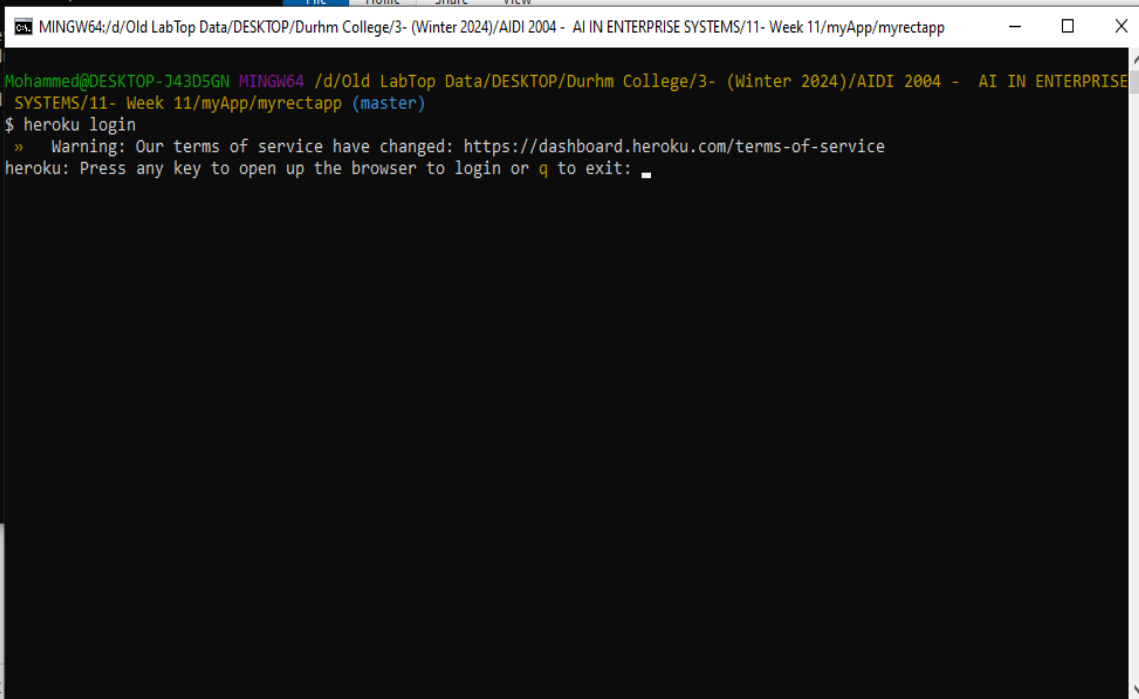
After Download and install the Heroku CLI.

- If you haven't already, log in to your Heroku account and follow the prompts to create a new SSH public key.
- Use git in the command line

Open Git-Bash

\$ heroku login

- After login by browser close the page you are login now

A screenshot of a Windows terminal window titled 'MINGW64: /d/Old LabTop Data/DESKTOP/Durhm College/3- (Winter 2024)/AIDI 2004 - AI IN ENTERPRISE SYSTEMS/11- Week 11/myApp/myrectapp'. The terminal shows the user 'Mohammed@DESKTOP-J43D5GN' in the 'MINGW64' environment. The prompt is '/d/Old LabTop Data/DESKTOP/Durhm College/3- (Winter 2024)/AIDI 2004 - AI IN ENTERPRISE SYSTEMS/11- Week 11/myApp/myrectapp (master)'. The user enters '\$ heroku login'. The terminal displays a warning: 'Warning: Our terms of service have changed: https://dashboard.heroku.com/terms-of-service' followed by 'heroku: Press any key to open up the browser to login or q to exit:'. The cursor is positioned at the end of the prompt line.

```
MINGW64: /d/Old LabTop Data/DESKTOP/Durhm College/3- (Winter 2024)/AIDI 2004 - AI IN ENTERPRISE SYSTEMS/11- Week 11/myApp/myrectapp
Mohammed@DESKTOP-J43D5GN MINGW64 /d/Old LabTop Data/DESKTOP/Durhm College/3- (Winter 2024)/AIDI 2004 - AI IN ENTERPRISE SYSTEMS/11- Week 11/myApp/myrectapp (master)
$ heroku login
» Warning: Our terms of service have changed: https://dashboard.heroku.com/terms-of-service
heroku: Press any key to open up the browser to login or q to exit: 
```

Steps for deploying your app on heroku

Create a new Git repository

- Initialize a git repository in a new or existing directory

```
$ cd your-project-folder/
```

```
$ git init
```

```
$ heroku git:remote -a yourHerokuRepositoryName
```

Note: We will use a github to deploy our project

Deploy your application

- Commit your code to the repository and deploy it to Heroku using Git.

```
$ git add .
```

```
$ git commit -am "make it better"
```

```
$ git push heroku master
```

Existing Git repository

- For existing repositories, simply add the heroku remote

```
$ heroku git:remote -a yourHerokuRepositoryName
```

Steps for deploying your app on heroku

- The next step is place our code in a development platform in a repository, Like **GitHub** , On GitHub, we will create a new repository (**HerkouApp**) for your application, like this:

app-ai2024 · Heroku-git | Heroku x Inbox - aounmt@gmail.com x New repository x +

github.com/new

Sign In GitHub Projects · GitLab Install GitLab Runne... Registering runners... Console Home | Co... Home - Microsoft A... Free Cloud Computi... Account | Heroku >> All Bookmarks

New repository

Search Type to search

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner * Repository name *

awn-mt / HerkouApp

✓ HerkouApp is available.

Great repository names are short and memorable. Need inspiration? How about [laughing-octo-dollop](#) ?

Description (optional)

☒ Public
Anyone on the internet can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

Initialize this repository with:

☒ Add a README file
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

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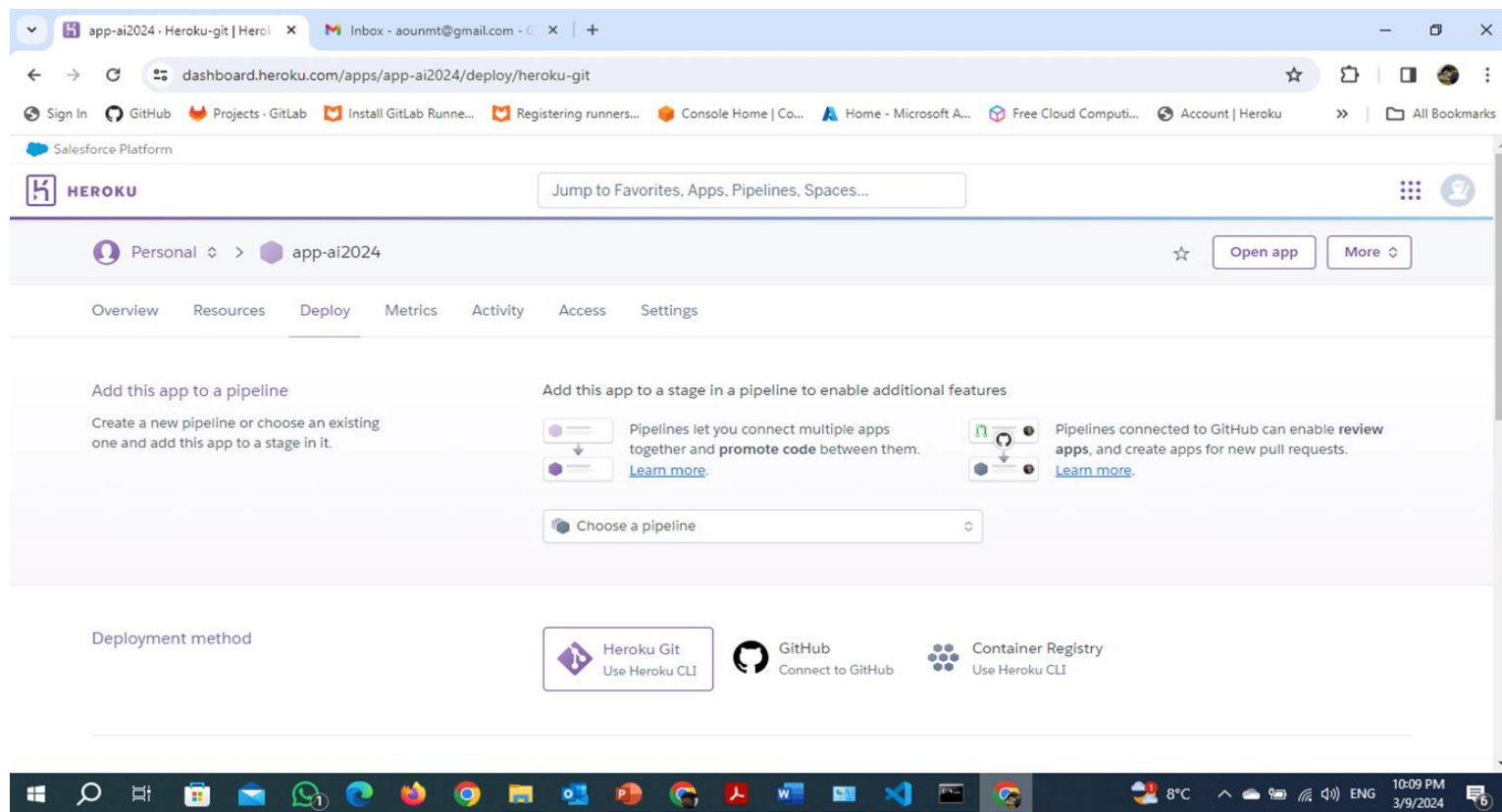
To upload your local code into a repository, you need to run the commands that are listed (below) on [Github](#) after you Creating repository :

```
git init
git config advice.addIgnoredFile false (because the git consider JS files unsafe)
git add *
git commit -m "first commit"
git branch -M master
git remote add origin https://github.com/YourAccount/YourProjectName.git
git push -u origin master
```

Steps for deploying your app on heroku

Link the repository with Heroku

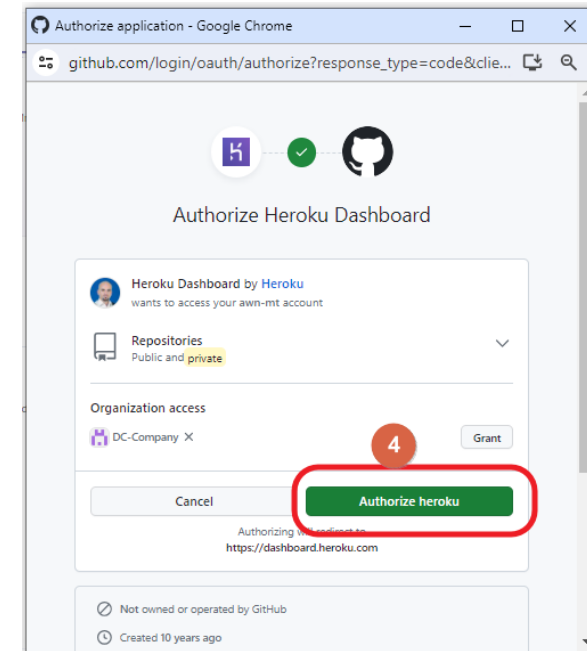
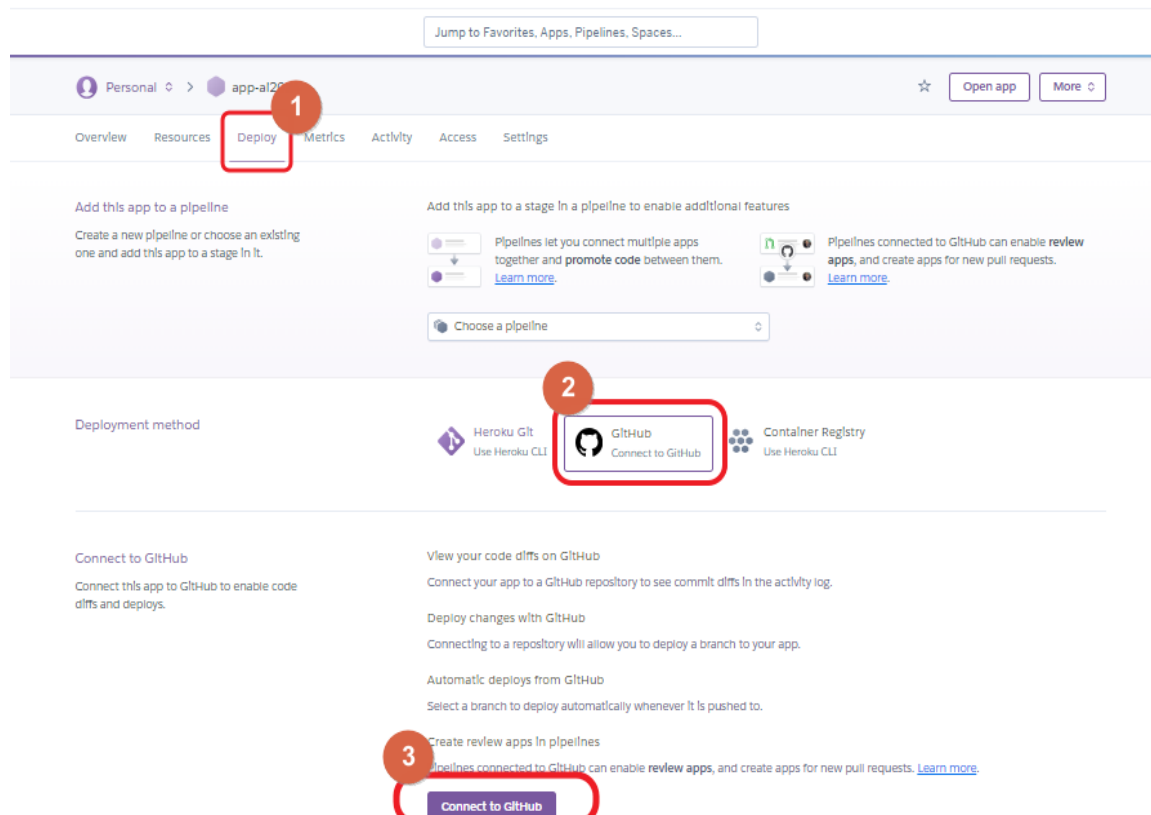
- At this step, we can link the repository from **Github** to our Heroku application. First, **create a new application** on **Heroku** and follow the steps listed on the platform. Once the application has been created, a window similar to this should appear:



Steps for deploying your app on heroku

Link the repository with Heroku

- Now, if you look at the navigation at the top, you'll see Overview, Resources, Deploy, Metrics and so on. Be sure that **Deploy is selected**. Then on the second row, click on the **GitHub** icon, then Click **connect** then press **Authorize Heroku**.



Steps for deploying your app on heroku

Link the repository with Heroku

- Search for the desired application, which is **YourGitHubReperstory**. Then click Connect.

The screenshot shows the Heroku Deploy page with the following sections:

- 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.
 - Buttons:
 - Text: Pipelines let you connect multiple apps together and promote code between them. [Learn more.](#)
 - Text: Pipelines connected to GitHub can enable review apps, and create apps for new pull requests. [Learn more.](#)
 - Dropdown: Choose a pipeline
- Deployment method**
 - Heroku Git Use Heroku CLI
 - GitHub Connect to GitHub
 - Container Registry Use Heroku CLI
- Connect to GitHub**
 - Connect this app to GitHub to enable code diffs and deploys.
 - Search for a repository to connect to
 - Input field: awn-mt
 - Search button (1)
 - Result: awn-mt/HerkouApp (3)
 - Search button (2)
 - Connect button (4)
 - Text: Missing a GitHub organization? [Ensure Heroku Dashboard has team access.](#)

Steps for deploying your app on heroku

Link the repository with Heroku

- Once the application is successfully connected with your Heroku account, you can click **Deploy Branch** to deploy your application.
- If you want, you can also select the option **Enable Automatic Deploys** which will automatically pull the code from your Github repository every time you make a push to that repository.
- Once the application has been deployed, you can click on **View** to open your application.

The screenshot shows the Heroku deployment configuration page. At the top, there's a navigation bar with links like 'Projects · GitLab', 'Install GitLab Runner...', 'Registering runners...', 'Console Home | Co...', 'Home - Microsoft A...', 'Free Cloud Computi...', and 'Account | H'. Below this is a search bar with the text 'Jump to Favorites, Apps, Pipelines, Spaces...'. The main content area is divided into two sections: 'Automatic deploys' and 'Manual deploy'. The 'Automatic deploys' section has a description: 'Enables a chosen branch to be automatically deployed to this app.' It includes a blue informational box stating: 'You can now change your main deploy branch from "master" to "main" for both manual and automatic deploys, please follow the instructions [here](#).' Below this, there's a section titled 'Enable automatic deploys from GitHub' with a description: 'Every push to the branch you specify here will deploy a new version of this app. **Deploys happen automatically:** be sure that the branch is always in a deployable state and any tests have passed before you push. [Learn more](#).' There's a dropdown menu labeled 'Choose a branch to deploy' with 'master' selected. Below the dropdown is a checkbox labeled 'Wait for CI to pass before deploy' which is currently unchecked. A red circle highlights the 'Enable Automatic Deploys' button. The 'Manual deploy' section has a description: 'Deploy the current state of a branch to this app.' It includes a section titled 'Deploy a GitHub branch' with a description: 'This will deploy the current state of the branch you specify below. [Learn more](#).' There's another dropdown menu labeled 'Choose a branch to deploy' with 'master' selected. A red circle highlights the 'Deploy Branch' button. At the bottom, there's a footer with 'Documentation' and a 'Support' button, and a link to 'Terms of Service'.

Projects · GitLab Install GitLab Runner... Registering runners... Console Home | Co... Home - Microsoft A... Free Cloud Computi... Account | H

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

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 the branch is always in a deployable state and any tests have passed before you push. [Learn more](#).

Choose a branch to deploy

master

☐ 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

Manual deploy
Deploy the current state of a branch to this app.

Deploy a GitHub branch
This will deploy the current state of the branch you specify below. [Learn more](#).

Choose a branch to deploy

master

Deploy Branch

Documentation Support Terms of Service

Steps for deploying your app on heroku

Link the repository with Heroku

- After clicking on **View** to open your application, you should see your project.

