WAPH-Web Application Programming and Hacking

Instructor: Dr. Phu Phung

Individual Project 1

Front-end Web Development with a Professional Profile Website on github.io cloud service

Student

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Short-bio: Graduate Student at UC

Individual Project Information

Project 1's URL: [(https://github.com/kothapvl-uc/kothapvl-uc.github.io)]

Overview

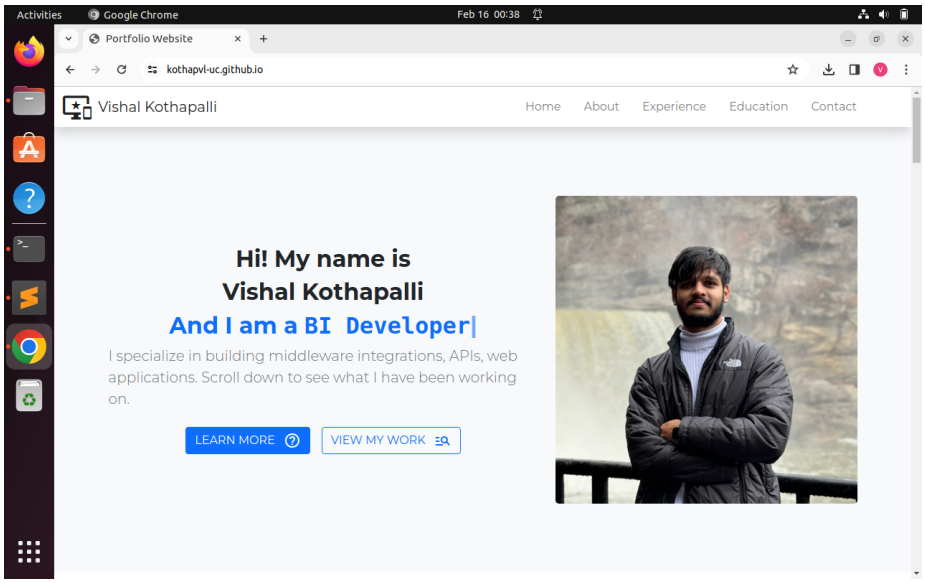
In this assignment, I will elevate my expertise in front-end web development by creating a Professional Profile Website and launching it on the github.io cloud platform. The project encompasses overall, non-technical, and technical criteria

Task 1: General Requirements

a. Deploy website I have created the webpage and deployed it successfully to github.io

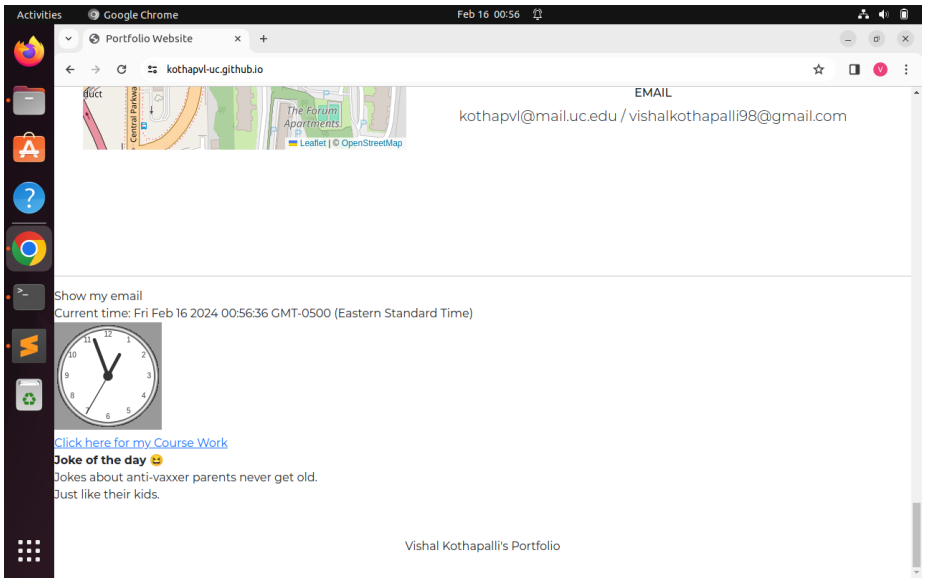
URL: [(https://kothapvl-uc.github.io/)]

Figure 1: Vishal's headshot

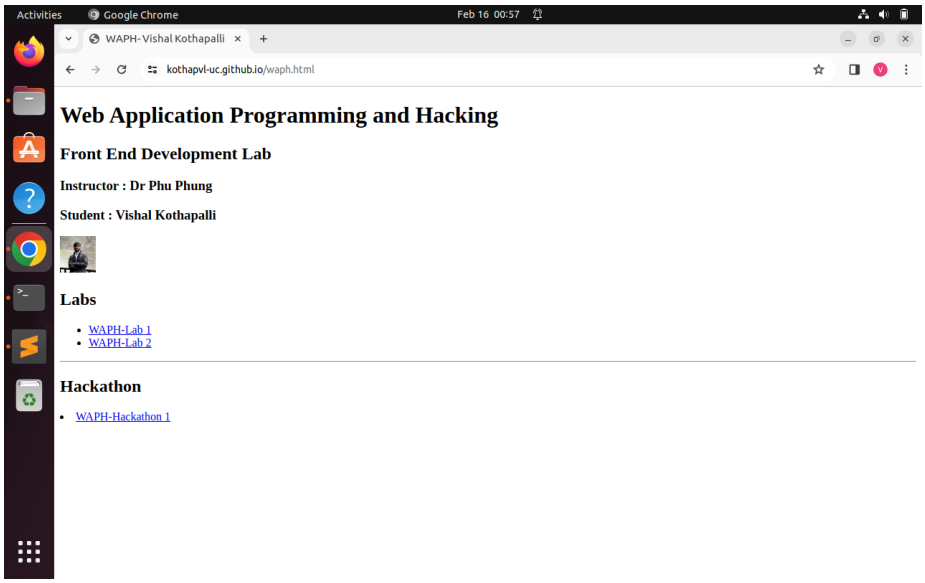


Deployed webpage

b. Link to WAPH Created an HTML page WAPH.html with the existing labs and hackathon details.



Link to redirect to the WAPH page



WAPH page

Task 2: Non-technical requirements

a. Use an open-source CSS template Utilized bootstarp CSS to create the navigation bars and also to make the website all device compatible.

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="s
```

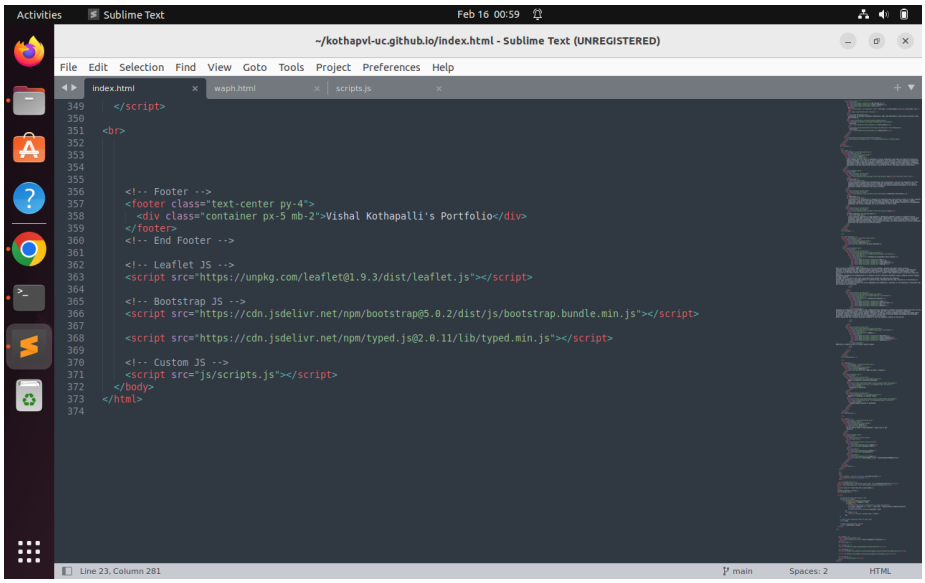
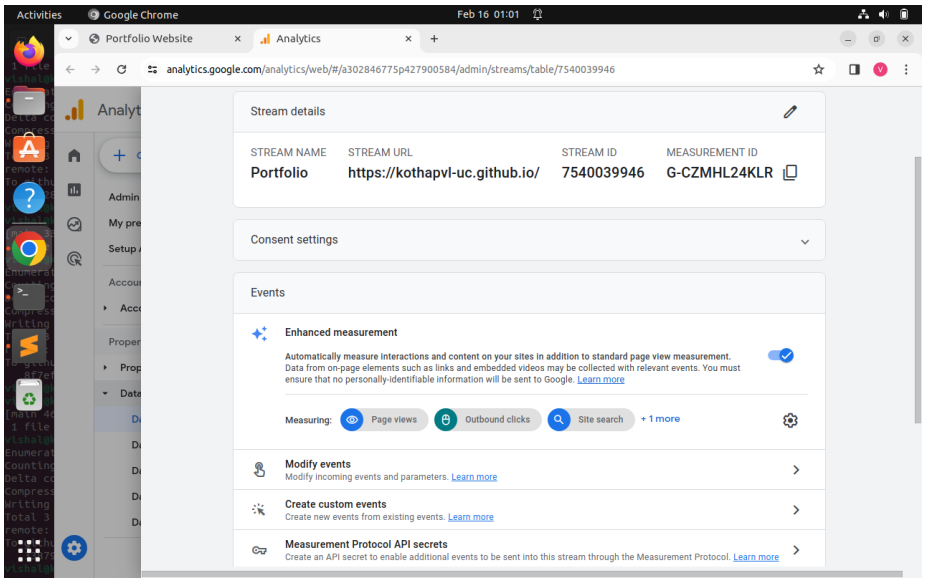


Image 3: Ajax implementation

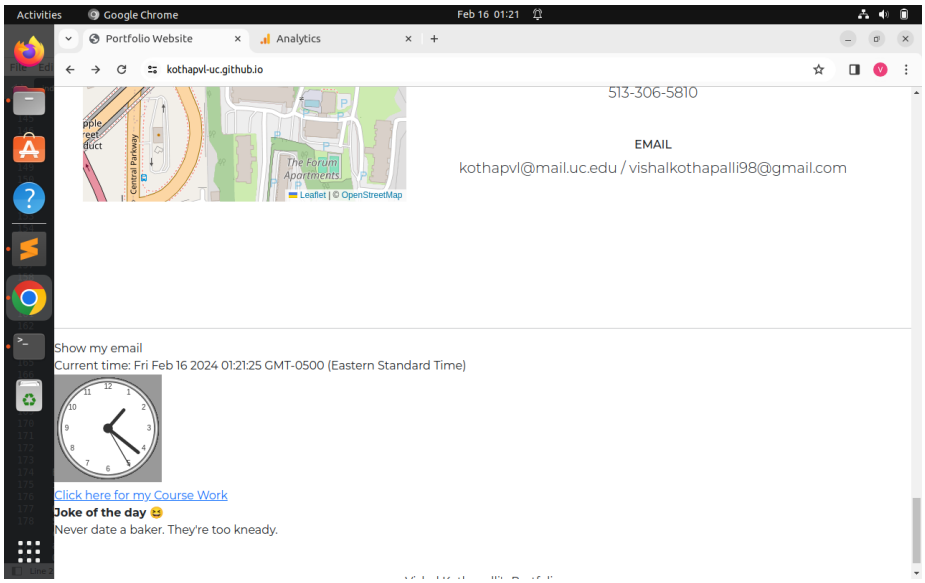
b. Page tracker Added google page analytics tracker and linked/installed the script into the webpage.



Portfolio Analytics

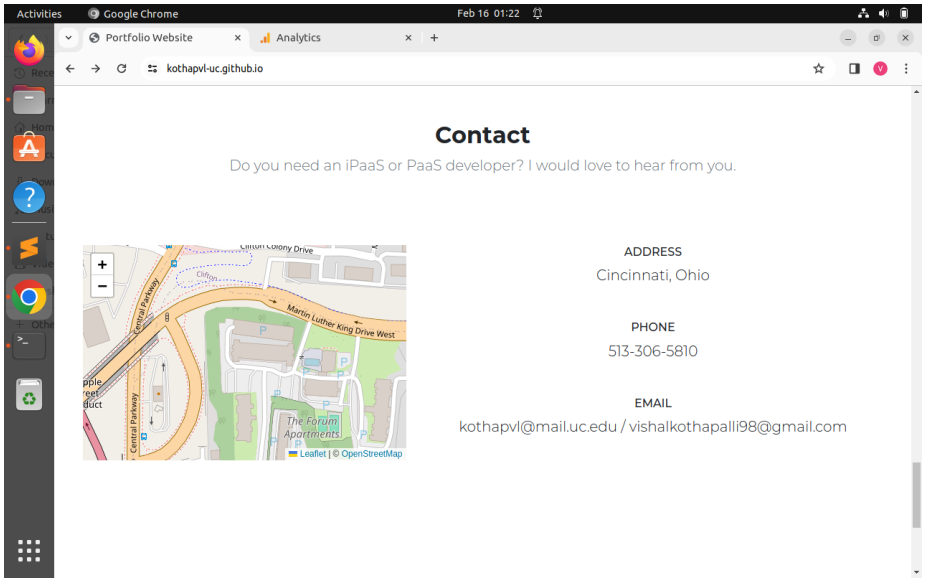
Task 3: Technical requirements

a. Basic JavaScript Utilized the JavaScript used in the previous labs and implemented them in current website



Basic JavaScipt with clocks and show mail

b. APIs Utilized the joke API from previous labs. Used the OpenStreetMap API to show my address location in the contact section of my webpage.



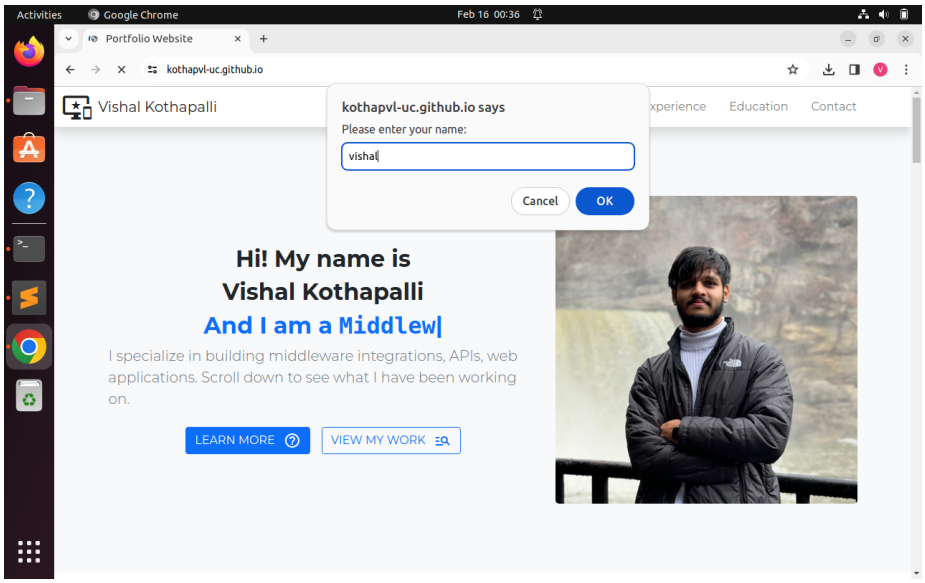
Open Street Map API

b. JS Cookies Enabled the cookied on the webpage to get, store and fetch cookies using javasceipt code.

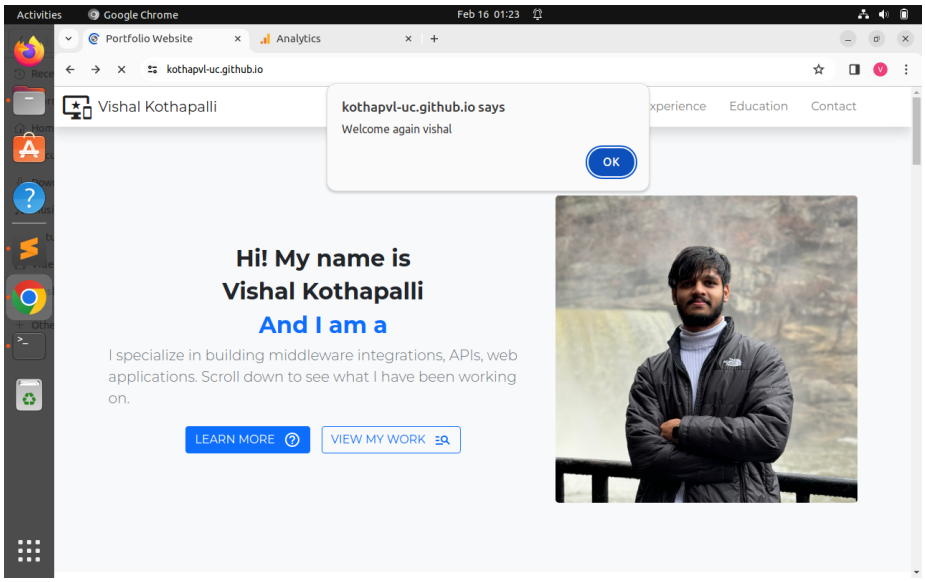
```
function setCookie(cname,cvalue,exdays) {
const d = new Date();
d.setTime(d.getTime() + (exdays*24*60*60*1000));
let expires = "expires=" + d.toUTCString();
document.cookie = cname + "=" + cvalue + ";" + expires + ";path=/";
}

function getCookie(cname) {
let name = cname + "=";
let decodedCookie = decodeURIComponent(document.cookie);
let ca = decodedCookie.split(';');
for(let i = 0; i < ca.length; i++) {
  let c = ca[i];
  while (c.charAt(0) == ' ') {
    c = c.substring(1);
  }
  if (c.indexOf(name) == 0) {
    return c.substring(name.length, c.length);
  }
}
return "";
}

function checkCookie() {
let user = getCookie("username");
if (user != "") {
  alert("Welcome again " + user);
} else {
   user = prompt("Please enter your name:","");
   if (user != "" && user != null) {
     setCookie("username", user, 30);
   }
}
}
```



Cookies- On first load



Cookies- On 2nd or future reload