WAPH - Web Application Programming and Hacking

Instructor: Dr. Phu Phung

Student

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Repository

Repository URL: https://github.com/devaravo/devaravo.github.io.

Professional Webpage
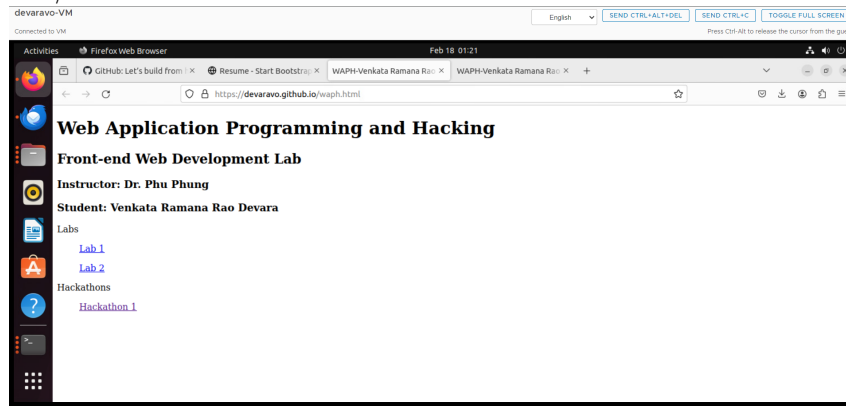
Webpage URL: https://devaravo.github.io/.

Individual Project 1: Front-end Web Development with a Professional Profile Website on github.io

This project covers building a cprofessional profile webpage using bootstrap and integrating various features such as javascript functionalities, google analytics, integration of web APIs and cookies.

General requirements

- Created a new public repository devaravo.github.io
- Cloned the repository in VM and added index.html and waph.html
- Built a html profile webpage highlighting my skills, experience and education

- Created a link to waph.html which shows course information and related labs/hackathons etc.

Non-technical requirements

- Used existing Bootstrap template and updated profile webpage
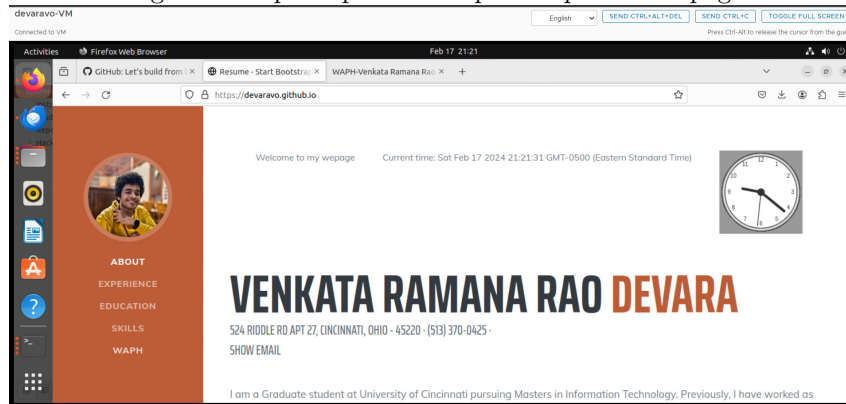
- Created a new account in google analytics
- Included my webpage (devaravo.github.io) in google analytics and started tracking
- Included the code given by google analytics in my index.html (after closing head element)

```
<!-- Google tag (gtag.js) -->
  <script
    async
    src="https://www.googletagmanager.com/gtag/js?id=G-ECDL71TG52"
  ></script>
  <script>
    window.dataLayer = window.dataLayer || []
    function gtag() {
      dataLayer.push(arguments)
```
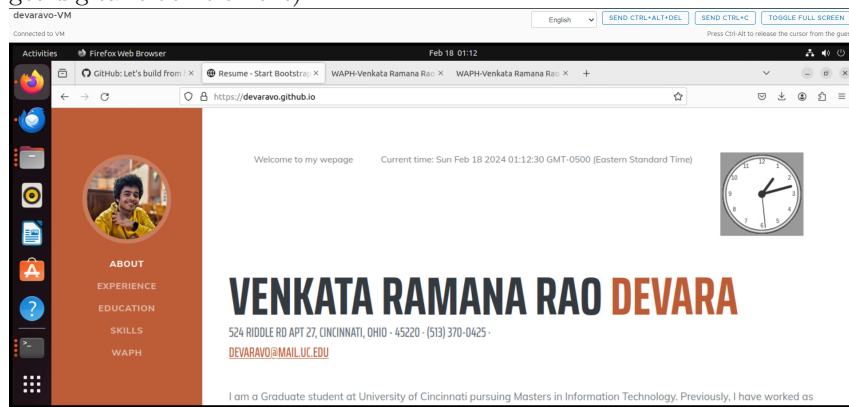
```
  }
  gtag("js", new Date())

  gtag("config", "G-ECDL71TG52")
</script>
```
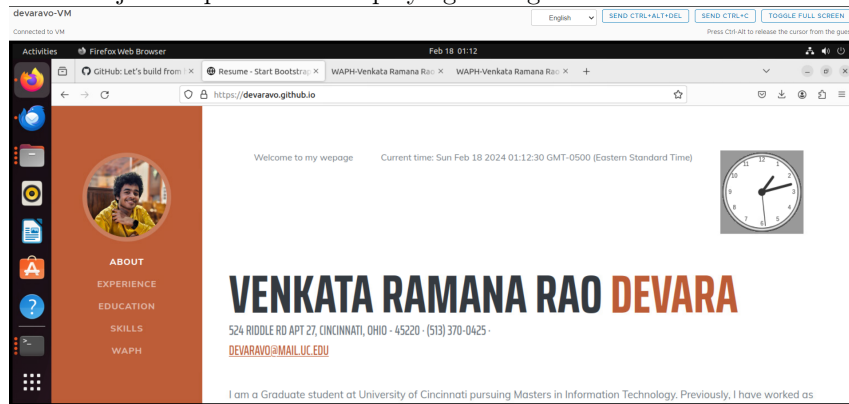
Technical requirements
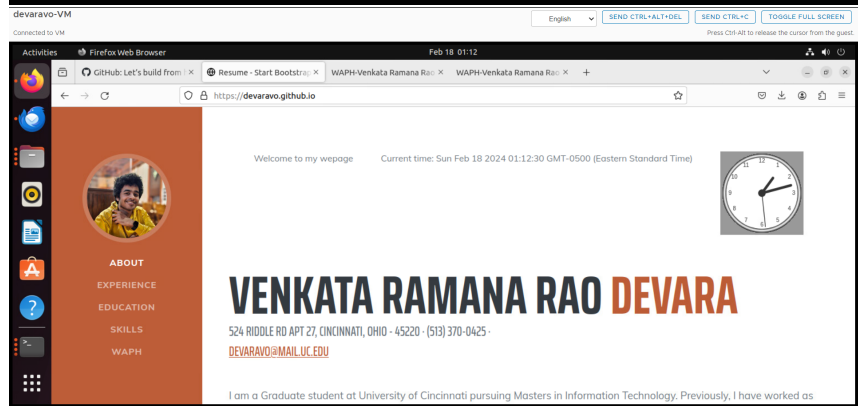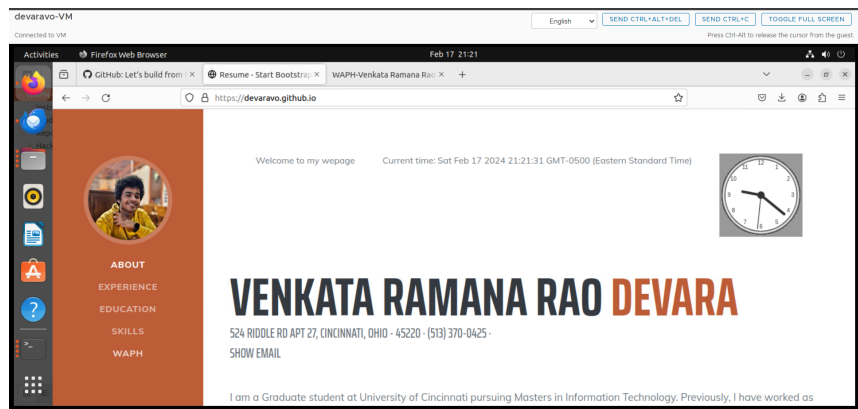
Basic Javascript code

- Included javascript code for displaying digital clock (included jQuery to get digital clock element)
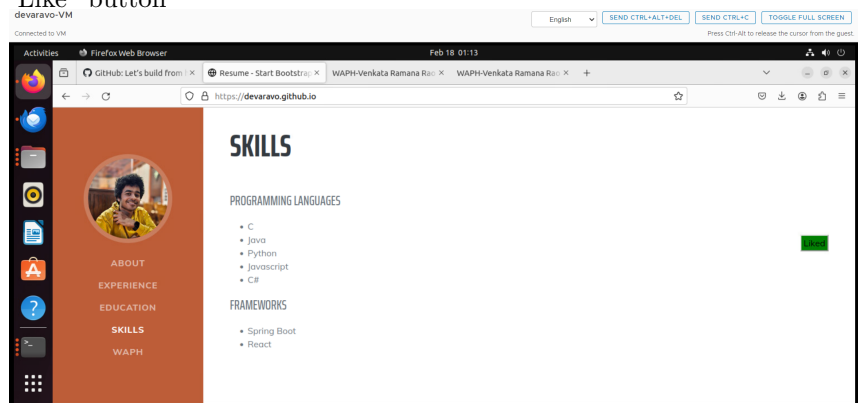

- Included javascript code for displaying analog clock

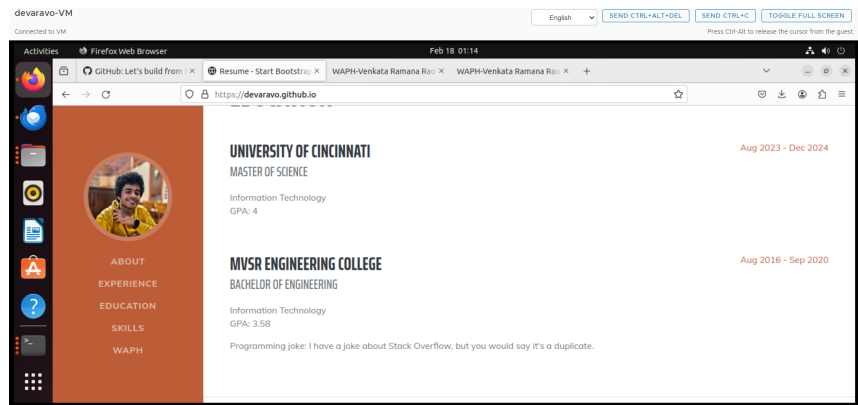
- Included javascript code to show/hide email

-

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- Added react libraries in index.html and included React code which displays "Like" button

-

Two public Web APIs integration

- Added joke API and displayed it on webpage using jQuery

- Searched for weather apis on google and added the code given by weathereidget.io to display graphic weather
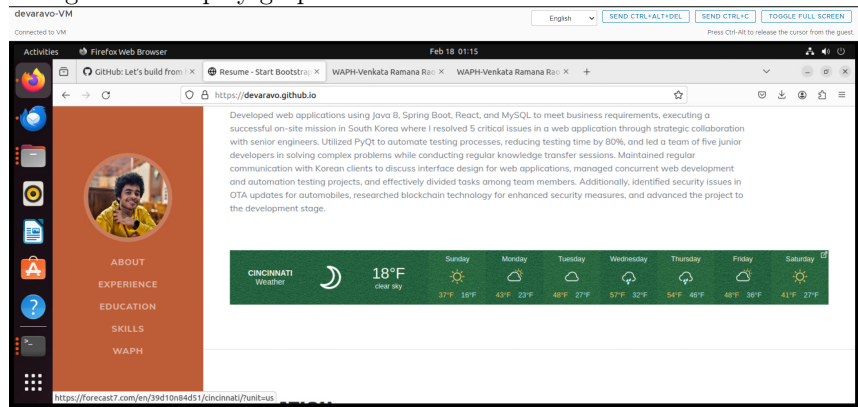
Javascript cookies

- Added code which uses cookies to display the date/time of user's last visit

```
if (document.cookie.indexOf("username") <0 ){

$("#lastVisit").html("Welcome to my wepage ")
    document.cookie = "username=user"+"currentTime="+new Date();
}else{
    let cookieString = document.cookie.split("currentTime=")[1].split(";")[0]


    $("#lastVisit").html("Welcome back! Your last visit was on "+cookieString);
    document.cookie = "username=user"+"currentTime="+new Date();
}
```

English

SEND CTRL+ALT+DEL   SEND CTRL+C   TOGGLE FULL SCREEN

Connected to VM

Press Ctrl-Alt to release the cursor from the guest

Activities   Firefox Web Browser   Feb 18 01:18

GitHub: Let's build from t ×   Resume - Start Bootstrap ×   WAPH-Venkata Ramana Rao ×   WAPH-Venkata Ramana Rao ×   +

https://devaravo.github.io

Welcome back! Your last visit was on Sat Feb 17 2024 21:17:13 GMT-0500 (Eastern Standard Time)   Current time: Sun Feb 18 2024 01:18:18 GMT-0500 (Eastern Standard Time)

ABOUT

EXPERIENCE

EDUCATION

SKILLS

WAPH

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SHOW EMAIL

I am a Graduate student at University of Cincinnati pursuing Masters in Information Technology. Previously, I have worked as