

# WAPH-Web Application Programming and Hacking

**Instructor: Dr. Phu Phung**

## **Student**

**Name:** Madishetty Saikrishna

**Email:** [madishsn@mail.uc.edu](mailto:madishsn@mail.uc.edu)

**Short-bio:** Sai Krishna has keen interest on Web development and interested to do hands-on projects and hackathons



## **Repository Information**

Repository's URL: <https://github.com/madishsn/wash-madishsn.git>

This is a private repository for Saikrishna Madishetty to store all code from the course. The organization of this repository is as follows.

## Project Overview

The first individual project entails using GitHub Pages (github.io) to create and launch a business profile website. The developer's qualifications, experiences, and educational background should all be fully represented on this website, which also includes a resume, contact details, and an extensive list of abilities. A link to a fresh HTML page introducing the "Web Application Programming and Hacking" course and associated practical projects should also be included on the website. The website needs to be both aesthetically pleasing and easy to use. To guarantee a responsive design, it should make use of an open-source CSS template or framework like Bootstrap. The project's technical requirements include writing basic JavaScript code and adding multiple capabilities including an analog and digital clock as well as the ability to show and hide the developer's email by using jQuery and another open-source JavaScript framework or library. In order to improve the website's functionality and interaction, the project also needs to integrate two public Web APIs, such as jokeAPI and a public API with visuals. In order to provide a level of user involvement and customisation to the website, JavaScript cookies must be utilized to remember the client's initial visit and display a tailored message accordingly. The project's overall goals are to demonstrate the developer's proficiency in front-end web programming, demonstrate professionalism, and reach out to possible employers.

## Project

Hands-on exercises in lectures

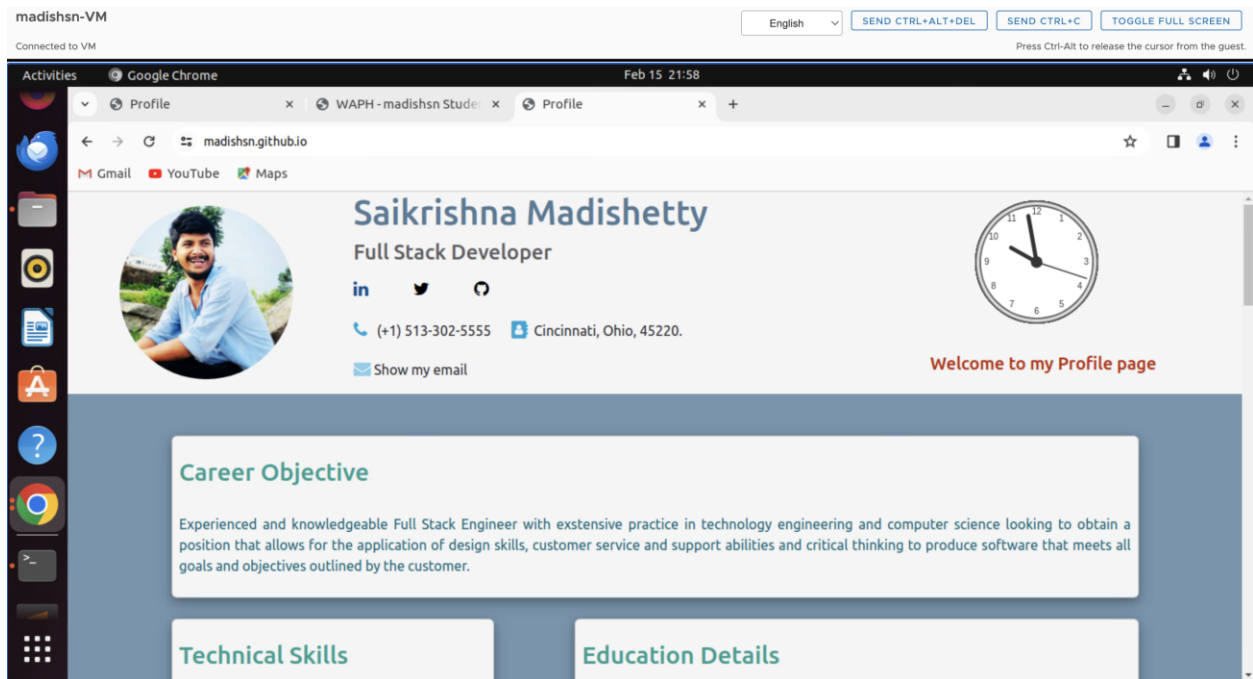
- Project 1 - (<https://github.com/madishsn/madishsn.github.io>) : Front End Web Development with a professional profile website on github.io cloud service.
- Project 1 – Deployed URL - (<https://madishsn.github.io/>)

## General Requirements

### A. Personal Webpage

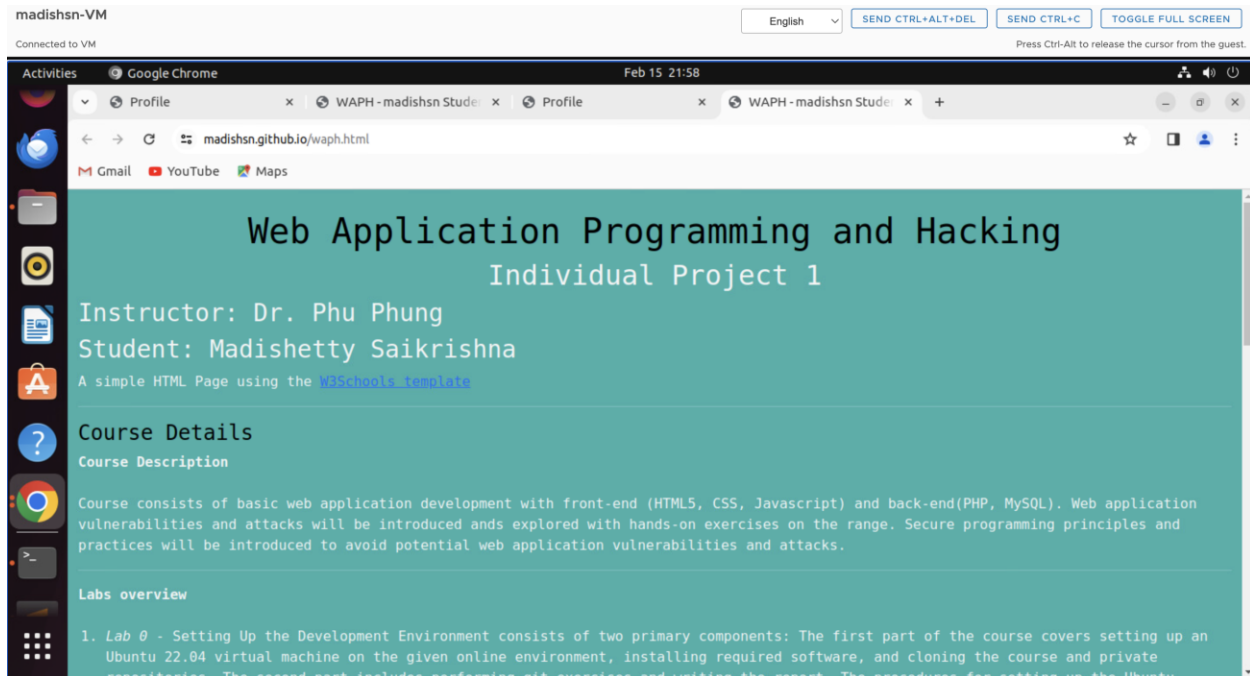
- Firstly, I have created a new repository with my account\_name.github.io and then cloned the empty repository and added waph.html file and pushed the code. I verified the page is working or not after deployment and it worked fine, I can access the webpage with my github cloud url. Then, I created a webpage where I have included my name, headshot and my contact details on the top of the page with some styling. Then I included career objective, technical skills, education, professional experience, academic projects and my accomplishments I have displayed them as cards. I have previous knowledge and experience in developing websites and for the css styling I just used google for syntax

reference. I have used icons like linkedin, github and assigned my linkedin page and github account links to the icons.



## B. Course Details webpage

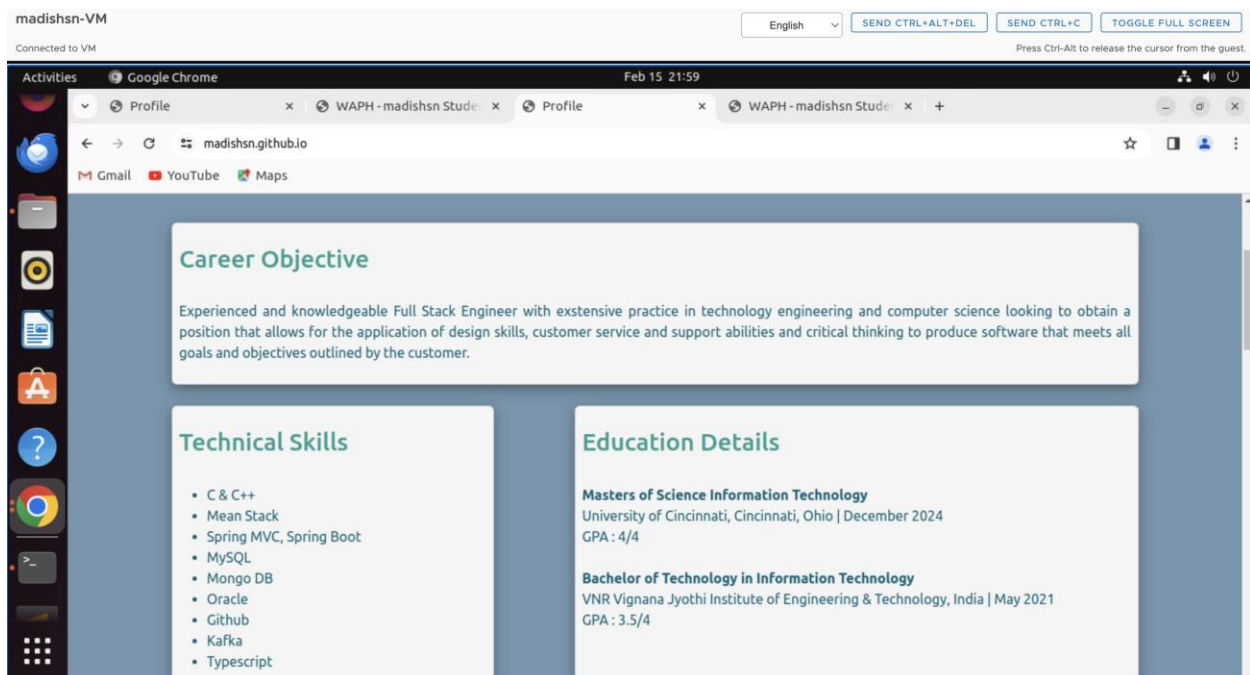
- Next, I have created a link to a new html which is waph.html to display the course details here I have included the labs, hackathon and course overview.



## Non-Technical Requirements

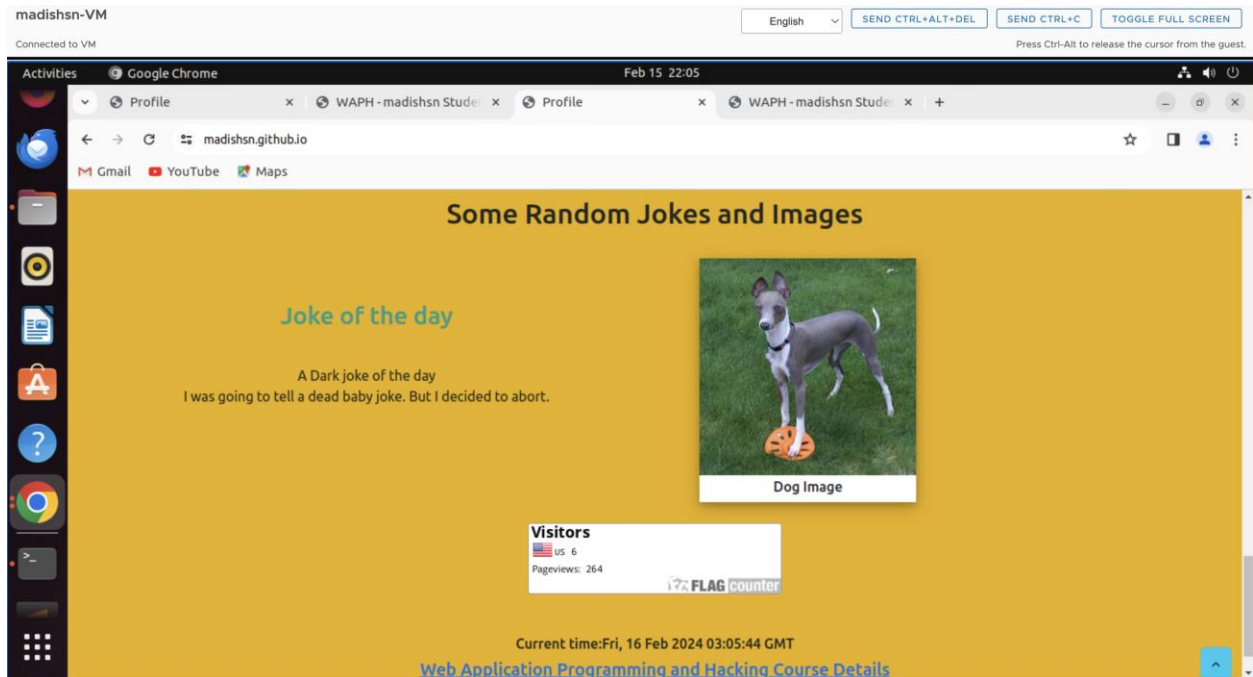
### A. Bootstrap

- I used Bootstrap into my profile webpage development. This added more styling and alignment in my webpage.



## B. Page Tracker

- I have included flagcounter. I have visited the website <https://flagcounter.com> and given all the inputs I require, and it generated a code for me to display the number of visitors and visiting from which country. I have included this in my code.



## Technical Requirements

### A. Basic Javascript code


- I have included the digital clock at the end of the page and analog clock as well as show/hide email at the top of the webpage.
- I have inserted angular script tag into my html code which resulted in accessing the angular functionalities. Then, I have added the functionality scroll to top when you reach the bottom of web page using angular. Here is the code snippet and output.

Activities Google Chrome Feb 15 22:00

Profile WAPH - madishsn Stud... Profile WAPH - madishsn Stud... +

madishsn.github.io

Gmail YouTube Maps




## Saikrishna Madishetty

Full Stack Developer

in

(+1) 513-302-5555 Cincinnati, Ohio, 45220.

Show my email



Welcome back!  
Last visit: 2/15/2024, 9:58:13 PM

### Career Objective

Experienced and knowledgeable Full Stack Engineer with extensive practice in technology engineering and computer science looking to obtain a position that allows for the application of design skills, customer service and support abilities and critical thinking to produce software that meets all goals and objectives outlined by the customer.

### Technical Skills

### Education Details

Activities Google Chrome Feb 15 22:05

Profile WAPH - madishsn Stud... Profile WAPH - madishsn Stud... +


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## Some Random Jokes and Images

### Joke of the day

A Dark joke of the day  
I was going to tell a dead baby joke. But I decided to abort.



Dog Image

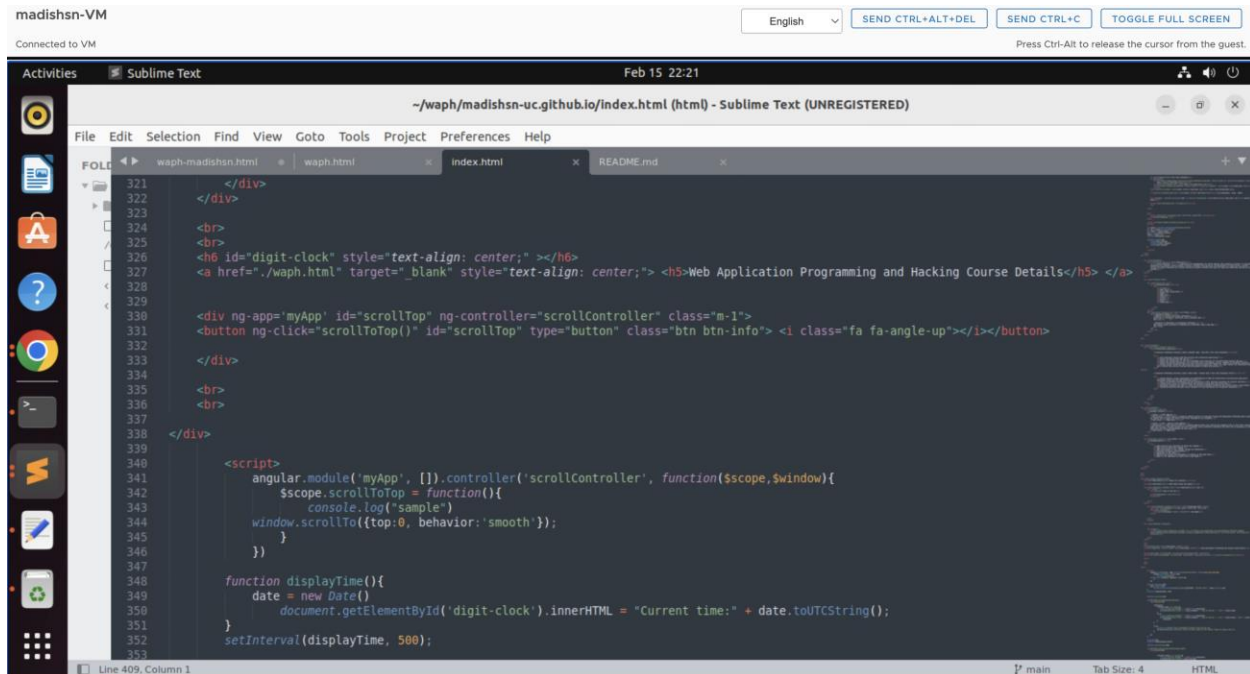
### Visitors

us 6  
Pageviews: 264

FLAG counter

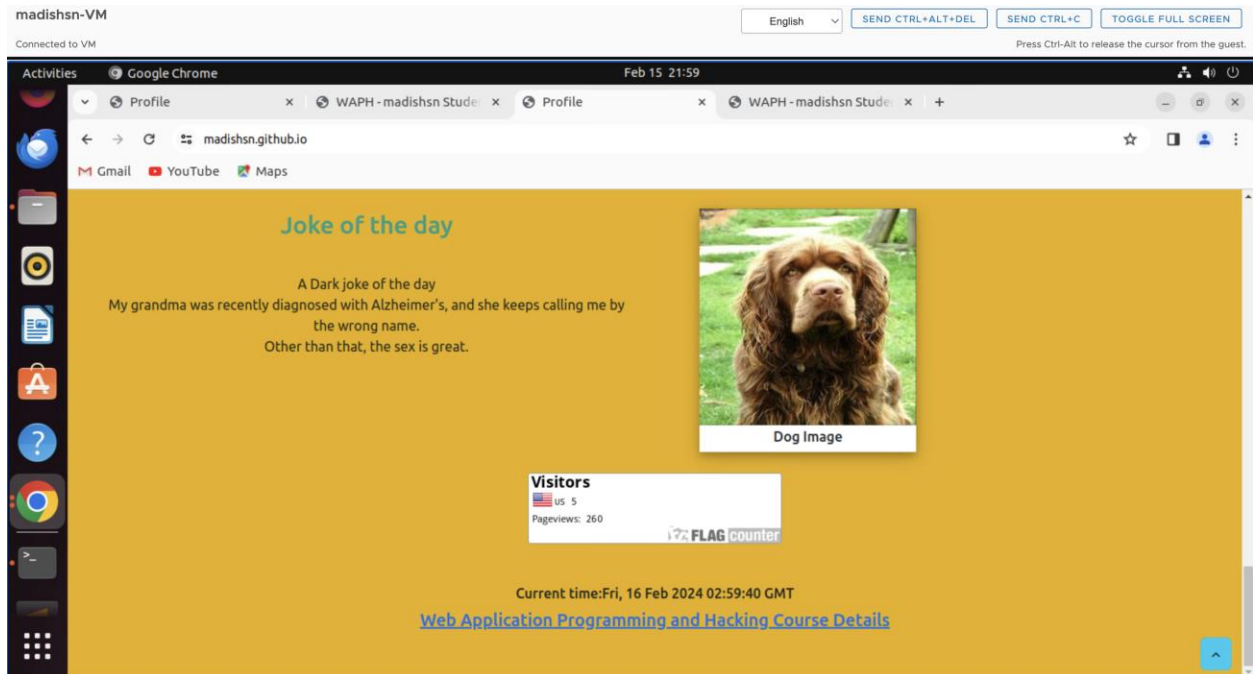
Current time: Fri, 16 Feb 2024 03:05:44 GMT

[Web Application Programming and Hacking Course Details](#)



## B. Web API's Integration

- I have included joke API into the html code and collected the json data and displayed the category and the message based on the type of message. We have 2 types named single and twopart. The messages were categorized and displayed accordingly. Moreover for every minute, new joke will be displayed.
- I have integrated another public API (<https://dog.ceo/api/breeds/image/random>) which generates the random dog images. I displayed the images into my html page and for every minute, new dog image is displayed randomly.



## C. Javascript Cookies

- I used javascript code for setting and getting cookies and also checking. Initially, the page displays a welcome message to my profile page which sets the cookie and then when the user visits again it checks for the cookie by getting the value. If user is already visited it displays the message as welcome back and also when is the last time the user visited page. I have used the reference of W3 schools Javascript cookies ([https://www.w3schools.com/js/js\\_cookies.asp](https://www.w3schools.com/js/js_cookies.asp))



madishsn-VM

Connected to VM

English

SEND CTRL+ALT+DEL

SEND CTRL+C

TOGGLE FULL SCREEN


Press Ctrl-Alt to release the cursor from the guest.

Activities Google Chrome Feb 15 22:00

Profile WAPH - madishsn Stude Profile WAPH - madishsn Stude

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