



Noida Institute of Engineering and Technology, Greater Noida
(An Autonomous Institute)

School of Computer Science & Engineering in Emerging Technologies

(Session 2023-24)

Department of CSE-AI



Internship Report on BACKEND DEVELOPMENT INTERNSHIP

Submitted By:

Submitted To

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Internship Certificate



Introduction



In this presentation, we delve into the powerful trio of email verification, bounce reduction, and website analysis report with Django. Discover how these strategies can supercharge your development process, streamline operations, and ensure a seamless user experience.

FOUNDING BACKEND DEVELOPER

It's a unique opportunity to give you insight into our company and uncover the exciting areas of it. We build responsive websites and reports that work like a magnet, attracting leads and revenue from any corner of the world. In a world, we help business grow, prosper and achieve the ultimate online success.

Technology/Project in detailed

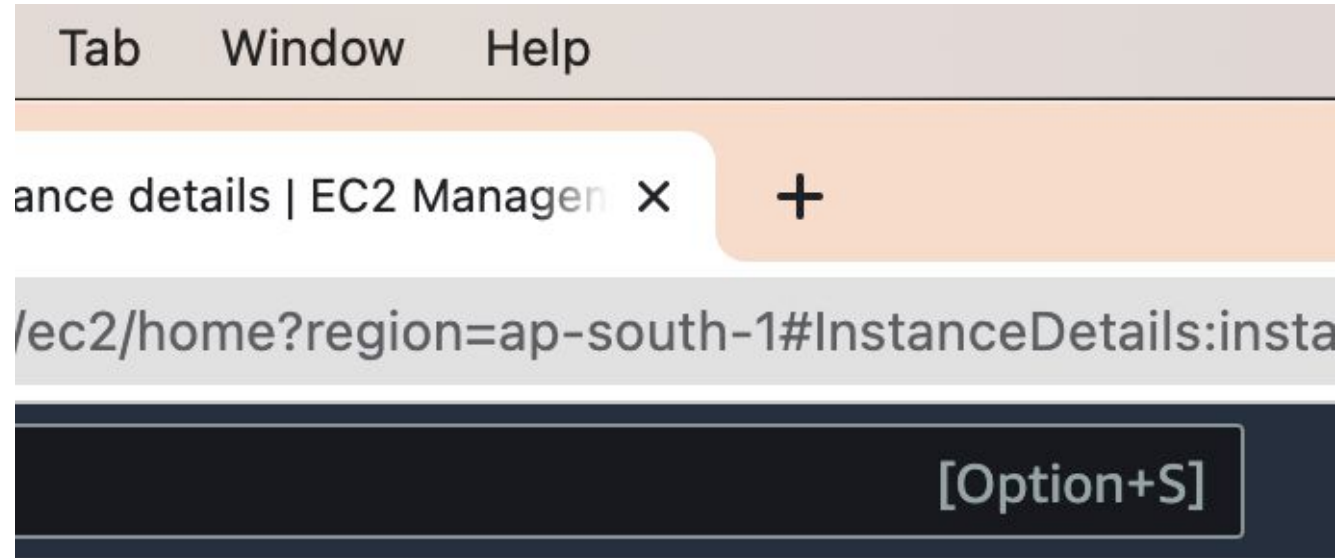
INTERNSHIP TASKS (PROJECT) :

- EMAIL VERIFICATION TOOL
- WEBSITE ANALYSIS TOOL
- AUTHENTICATION SYSTEM
- WEBSITE REPORT
- AWS DEPLOYMENT OF WEB-APP

TECHNOLOGIES USED :

- PYTHON**
- DJANGO**
- PY3DNS LIBRARY**
- API INTEGRATION**
- AWS (AMAZON WEB SERVICES)**
- VERSION CONTROL (GIT)**
- SQLITE / POSTGRESQL**
- WEBDEV TOOLS**

Working Module



Instance state

✓ Running

Screenshot of Running Project

```
System check identified no issues (0 silenced).  
November 07, 2023 - 16:31:44  
Django version 4.2.4, using settings 'user_management.settings'  
Starting development server at http://127.0.0.1:8000/  
Quit the server with CONTROL-C.
```



Sign-in Page

Sign In

[Sign in with Google](#)

OR

Username

Password



☐ Remember me

Sign in

[Don't have an account yet? Go to signup](#)
[Forgot Password?](#)

Sign-Up Page

Create Account

First Name

Last Name

Username

Email

Password



Confirm Password



Generate OTP

Sign Up

[Have an account? Go to Sign in](#)

WEBSITE REPORT PAGE

Webpage Screenshot



URL

<https://souravsingh.dorik.io/>

PERSONAL DJANGO PROJECT

Wise - Bot

Hello I am Wise-Bot! How can I assist you today?

Type your message...

Send

Ratan Tata

Narendra Modi

Make a Decision for Me !

Warren Buffett

Elon Musk

PERSONAL DJANGO PROJECT - 2

[Home](#) [About Us](#)

Decision Maker

Situation

Option 1

Option 2

Submit

Conclusion

In conclusion, the implementation of email verification, bounce reduction, and website analysis report with Django in backend development can greatly enhance efficiency.

These tools optimize website performance, reduce bounce rates, and improve user engagement. To take the next step, consider integrating these features into your development process and continually monitoring and analyzing data to further streamline and enhance your backend operations.

References



1. <https://google.com>
2. <https://docs.aws.amazon.com/ec2/>
3. <https://docs.python.org/3/library/>
4. <https://docs.djangoproject.com/>
5. Medium Docs
6. Github Documentation

THANK YOU
ALL