

# NAYAK RAMULU

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WEB DEVELOPER

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## CONTACT

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[/nayakramulu/](#)

## SKILLS

HTML & CSS

JavaScript

MongoDB

\*React.js

\*Node.js

\*Express.js

Git & GitHub

Python

## EDUCATION

NxtWave | CCBP 4.0

Certification Programs

**2022-2023**

MERN - Stack

Gitam Deemed to be  
University

**2019-2022**

B.com - Commerce

## PROFILE

1 year of experience working with the MERN stack, designing web applications and developing and implementing various MERN stack applications.

## EXPERIENCE

**Python Developer** – Sync Intern's

**Jan 2023 - April 2023**

- Developing and maintaining Python-based applications and software solutions.
- I have been involved in Designing the OTP-Verification By using Python
- Worked on Monitoring the tool for bugs or issues and provide support to users.
- I add new features or improvements based on user feedback.
- Worked on the purpose of the CLI Based Chat Tool, such as facilitating communication between users or providing a platform for customer support.

**Web Developer & Design** – TXON Internship

**Oct 2022 - Dec 2022**

- Developing and maintaining Web-based applications and software solutions.
- I have involved Designing the Food-Munch food order website Responsive
- Worked on the purpose of the RhythmRider Music player website.
- Worked on the purpose of the Instagram Clone.
- Worked on the purpose of the LandingPets Pets shop website tools HTML, CSS, UI Design.
- Developed a modular, single-page web application that incorporated responsive design principles and helped the next generation.

## Projects

### OTP Verification by Using Python:

- This role is responsible for generating the one-time password. It takes into account the desired length and complexity of the OTP, and generates a random alphanumeric code accordingly. It may also handle additional requirements, such as expiration time or unique constraints. focuses on sending the OTP to the intended recipient. It utilizes various communication channels like SMS, email, or instant messaging services. The Message Sender may interact with external APIs or libraries to deliver the OTP securely and reliably.
- I have involved Designing the OTP-Application By using Python.
- Monitor the OTP verification system to ensure that it is functioning correctly.
- With the help of Python Libraries, I developed OTP application with less code.
- To add an additional layer of security to a login or registration process, by sending a unique one-time password to the user's registered email address I python Libraries like math, smtplib etc.

### Instagram Automation Tool:

- Instagram is a great visual platform for people to share and view posts of other people round the world. A user will be doing basic activities like liking, sharing, commenting a post or following some other users. But often these rudimentary activities become quite repetitive and boring. So why not automate these processes? Automation using selenium is a great way to speed up this process and also save time.
- I use selenium web driver tool to perform browser interactions such as clicking, scrolling, and typing, etc.
- Create visual representations of collected data using libraries like Matplotlib
- I will also store metadata like profile name, follower count, likes, comments, date posted, etc. to process them later for an extended usage.
- program runs fast by using Python and selenium web driver tools

( Nayak Ramulu )