

Ambati Bhargavi

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<https://github.com/ambatibhargavi>

Summary

As a recent graduate with a degree in electronics and communication in engineering , I am passionate about implementing DevOps practices to streamline software development and deployment processes. My academic background has equipped me with a solid foundation in DevOps tools, and I am eager to apply this knowledge in a professional setting. I have gained hands-on experience through academic projects where I collaborated with teams to implement continuous integration and delivery pipelines. These projects have allowed me to develop proficiency in [specific tools, such as Jenkins, Git], and I am eager to leverage these skills to contribute to a dynamic DevOps environment. My proactive approach to problem-solving, coupled with a strong desire to learn and adapt to new technologies, makes me well-suited for a role in DevOps. I am confident in my ability to contribute to the efficiency and reliability of software development processes, and I am excited about the opportunity to further develop my skills in a real- world setting. I am eager to bring my enthusiasm, technical skills, and dedication to a DevOps role where I can contribute to the success of projects and continue to grow as a professional in the field.

Experience

Web scraping using Python

May 2024 - Present (1 month) Creating a LinkedIn scraper using Python involves several steps and tools, but it's essential to remember that LinkedIn's terms of service prohibit scraping and automated data extraction, so proceed with caution and consider using LinkedIn's official API for compliant data access. To build a scraper, you can use libraries such as Selenium, BeautifulSoup, and Pandas, along with ChromeDriver to automate and control the Chrome browser. Here i started using Scrapy to scrape LinkedIn data is more challenging due to LinkedIn's robust anti-scraping measures. Scrapy is a powerful web scraping framework that can be used to extract data from websites.



Deployed Web Application using AWS EC2, AWS ALB and Nginx Amazon Web Services (AWS)

Dec 2023 - Present (6 months) Deployed Web Application using AWS EC2 and Nginx.

Project Link: <https://github.com/ambatibhargavi/PlacementPrediction/tree/main>

- During my ML Web application development I had to deploy the html files on a webserver for the project members to access in Globally.
- I created an EC2 instances in a public subnet and attached an Elastic IP to it.
- I deployed the Nginx server using nginx and placed the html files on the server.
- The Results were thus made available through the Elastic IP.

e) Further working on automating the process of EC2 Creation using Boto3 API.

Placement prediction using machine learning



Machine Learning

May 2023 - Aug 2023 (4 months) The application of machine learning has grown in popularity in today's fast-paced society as technology has permeated every aspect of our lives. Placement prediction is one of the numerous uses of machine learning. Using machine learning algorithms, placement prediction determines the likelihood that a student will be hired by a firm based on a variety of criteria, including academic achievement, skill set, and prior job experience. A statistical method for determining the relationship between two or more variables is regression analysis. Regression analysis is used in placement prediction to determine the link between numerous variables, including academic achievement, skill set, prior job experience, and the likelihood of being hired by a firm.

Education

Vignan's Institute of Engineering for Women

Bachelor of Technology, Electrical, Electronics and Communications Engineering
2020 - 2024 Vignan's institute of engineering for women is a private institute situated in visakhapatnam, India. The institute was established in 2005 . I pursued my Bachelors of Technology in Electronics and communication engineering . I have started my Bachelor of Technology in 2020 with a CGPA of 7.8

Narayana Junior Collage

Intermediate, Maths, Physics, Chemistry
2018 - 2020
CGPA: 9.21

Pollocks School - India

X
2010 - 2018
CGPA: 9.3

Licenses & Certifications



AWS For Beginners - Udemy



Jenkins Fundamentals - Udemy



Introduction to Bash Scripting - Coursera



Structured Query Language - Sololearn

Machine Learning - smart internz

Skills

DEVOPS

- AWS(Amazon Web Services)
- Terraform
- Docker
- Kubernetes
- Jenkins

PROGRAMMING LANGUAGES

- Python
- C language
- Html
- Css
- Basics of java script

SCRIPTING LANGUAGES

- Linux operating system
- Bash
- Git and Gitlab

DATABASE

- Sql(structured query language)
- Basics of DBMS
- Microsoft Tools(Excel,Powerpoint)

Honors & Awards

Best captain

I was given the best captain award for leading my team and making our project successful

Skilled with words

This was issued to me when i made the whole TechFest successful with greater communication skills