

Mallika Allampati

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Objective

Dedicated and ambitious professional seeking challenging opportunities to utilize my skills and expertise to contribute to the success of the organization. Committed to delivering innovative solutions, continuous learning, and fostering growth while driving organizational objectives.

Experience

- Gained hands-on experience in SAS with strong focus on DATA steps, DO loops, and understanding of the Program Data Vector (PDV).
- Hands-on experience with CI/CD pipeline setup and Docker image management using AWS ECR. Proficient in Linux, Kubernetes, and essential DevOps tools and practices.
- Proficient in HTML and CSS with hands-on experience in creating responsive, user-friendly web pages with clean layouts and structured content.

Projects

- **Basic Restaurant website using HTML and CSS.**
Technologies: HTML, CSS
 - Built a static restaurant website using HTML for structuring content and CSS for styling and layout.
 - Implemented sections such as menu, services, contact form, and location map to enhance functionality.
 - Applied responsive design principles to ensure compatibility across different screen sizes.
 - Gained practical experience in frontend web development, UI design, and clean code structure.
- **Student marks prediction project by machine learning.**
Technologies: Python, NumPy, Pandas, Vscode
 - Built a machine learning model using **Linear Regression** to predict students' marks based on study hours.
 - Utilized **Python libraries** like **NumPy** and **Pandas** for data handling, cleaning, and analysis.
 - Gained practical experience in **supervised learning**, **regression modeling**, and **real-world data prediction**.
- **Deploy Apache2 webserver on EC2 Instance.**
Technologies: AWS EC2, Apache2, Linux (Ubuntu), CLI, SSH
 - Provisioned an **Amazon EC2 instance** and installed **Apache2** web server for hosting web applications on the cloud.
 - Configured **security groups**, inbound rules, and verified successful deployment via public IP.
 - Gained experience in **cloud computing**, **web hosting**, and working with **open-source web servers**.

- **Email Alert System with AWS SNS.**
- **Developed a user registration form using HTML.**
- **End-to-End DevOps pipeline with Jenkins, SonarQube, Nexus, and Tomcat.**
- **Docker image integration using Jenkins and Docker.**

Internships

- CodingExpertHub – Web Development
- Internshala - Python
- SlashMark - Python
- Shias Info Solutions - Machine Learning

Education:

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| • B.Tech (CSE), Narayana Engineering College, Gudur – 90%, | 2020-2024 |
| • Intermediate (MPC), Priyadarshini Junior College, Atmakur – 9.0, | 2018-2020 |
| • SSC, Sri Chaitanya E.M High School, Atmakur – 88%, | 2017-2018 |

Skills

- **SAS** : PDV, DATA step, DO LOOP.
- **AWS** : EC2, VPC, S3, LoadBalancer, AutoScaling, SNS.
- **DevOps** : Docker, Kubernetes, Ansible, Terraform, Jenkins.
- **Frontend Technologies** : HTML, CSS.
- Python Basics, SQL Basics.

Certifications

- Python course completion certificate from Udemy.
- Certificate of completion from Intercell.
- Participation certificate in carroms on the occasion of indore games.
- Participation certificate in paper presentation on wireless communication.
- Awarded a participation certificate in FlipKart Grid.

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