

# LOKESH SATYAVADA

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## EDUCATION

**Bachelors of Technology - Electronics Communication Engineering**

Nov 2020 - July 2024

CVR College of Engineering, India - **7.3/10 CGPA**

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## PROJECTS

### **-The AWS Cloud Resume Challenge | HTML,AWS,Python, Git, Github Actions, IaC.**

- The Cloud Resume Challenge by [Forrest Brazel](#) is a challenge involves in building a fully functional website hosted on AWS.
- Using AWS resources such as S3, Lambda, Route53, and DynamoDB, with infrastructure as code (IaC) and Github actions, we execute devops practices for faster deployment.

### **-Implementation of CI-CD pipeline for containerized applications in AWS using Jenkins, Ansible and Kubernetes**

- Developed an automated pipeline for Java-based web applications on AWS. The pipeline leveraged Jenkins for CI and Ansible for scalable CD , ensuring zero downtime during deployments.
- The solution integrated six different technologies, including Jenkins, Ansible, Kubernetes, AWS, Java, and containerization, while requiring minimal computational resources, demonstrating efficient and reliable deployment processes.

### **-Image Dehazing Using Generic Model Agnostic Convolutional Neural Network (GMAN).**

- Haze harms image quality by distorting colors and hiding details.which can be tackled with machine learning techniques like GMAN.
- GMAN generates haze-free images and overcomes common pitfalls of state-of-the-art methods.

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## CERTIFICATIONS

- AWS CLF-C01 certified-cloud-practitioner.
- E-box Certification on Bash Scripting
- 100 Days of Python boot camp in Udemy {CC}.

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## SKILLS

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| • AWS    | • AZURE     |
| • PYTHON | • TERRAFORM |
| • LINUX  | • JENKINS   |
| • BASH   | • DOCKER    |

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## ACHIEVEMENTS

- IEEE SHARK TANK 3RD PRIZE-POWER SAVING THROUGH OBJECT DETECTION.
- IETE PROJECT EXPO 1ST PRIZE - GARUDA DRONE
- ORGANIZED AN TECHNICAL EVENT{ARDUINO SNAKE GAME} FOR CIENCIA2022