

# KAPIL THAKKAR

South Setauket, NY 11720 | 6316155251 | kapilthakkar40@gmail.com

## Personal Details:

Address: 37 Hancock Ct South Setauket NY 11720

DOB: 19 August, 1998

Language: English, Gujarati, Hindi, Marathi

Hobbies: Music, Playing Football

## Technical skills:

- Kubernetes, Docker, Helm, Jenkins, Git, GitHub, Gitlab, Gitlab CI, Ansible, Terraform, Linux, Snyk, Reviewdog, Java, AWS, GKE, Golang, Python.

## Education:

**Bachelor of Engineering: Computer Engineering Oct 2020** Vivekanand Education Society's Institute of Technology Chembur, Mumbai 🏠 Graduated with 9.21 CGPI

**Higher Secondary Certificate Examination May 2016** Birla College Kalyan, Thane 🏠 Passed with 86.46%

**Secondary School Certificate Examination Jun 2014** Lourdes High School Kalyan, Thane 🏠 Passed with 91.00%

## Project:

### Facial emotion detection to determine the satisfaction level

- Description: In this project we worked on a review system which will be taking reviews from users and give a proper output.

## Work Experience:

### Kludone (August 2020 – June 2021)

- Designation: Software Engineer
- Roles and Responsibilities:
  1. Responsible for the definition, design, construction, integration, testing, and support of reliable and reusable software solutions.
  2. Creating the helm charts for the Microservice application with the required properties.
  3. Responsible for implementing monitoring solutions in Ansible, Docker and Jenkins.
  4. Responsible for creating CitusData operator API and Controller using an Operator-SDK tool.
  5. Implement high availability and on demand backup features for the operator.

### Sezzle (July 2021 – present)

- Designation: DevOps Engineer
- Roles and Responsibilities:
  1. Manage all the weekly(production) releases and make sure there is high availability.
  2. Migrate all the Kubernetes based deployments to Helm chart.
  3. Migrate the Jenkins CI/CD pipeline to Gitlab Ci pipeline. Implement SAST using Gitlab CI and Reviewdog.
  4. Implement CI/CD pipeline in all the new microservices and Snyk for application level security.
  5. Deploy all the Cloudfront, S3, Route53 resources using terraform for deploying all the frontend services.

## Co-curricular Activities:

- Presented a paper on "Prediction of satisfaction from Facial Expression: Sentiment Analysis Approach" in the AICTA 2020 conference.
- Presented a paper on "Sentiment Analysis: A Novel Approach for Prediction of Satisfaction Level from Facial Expressions" in IJASR conference.
- Completed the Certified Kubernetes Administrator Exam with 85 percent of the score.
- Completed courses in Kubernetes, Docker, Ansible, Terraform, and Shell Scripting from KodeKloud.
- Solve a variety of problem-solving questions in various coding platforms like Leetcode, Hackerrank, and CodeChef.

## Extra-curricular activities and Achievements:

- Volunteered in Simran Seva NGO for 6 months.
- Participated in various fun events during college festivals.
- Won the Employee of the month and Top performer of the month in Kludone and Sezzle company respectively.