

# KRUNAL JETHVA

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## Education

### V.V.P. Engineering College

*Bachelor of Science in Computer Engineering*

Sep. 2018 – May 2022

*Rajkot, Gujarat*

## Relevant Coursework

- Data Structures
- Software Methodology
- Operating System
- Database Management
- Algorithms Analysis
- Artificial Intelligence
- Internet Technology
- Computer Architecture

## Experience

### Tark Technologies LLP

July 2022 – Present

*Jr. Software Engineer*

*Rajkot, Gujarat*

- Developed annotations which is reflected to camera recording when certain events are triggered.
- Developed a migration scripts that runs on every migration using flyway which will help to ensure script quality and integrity.
- Redesigned front-end of POS using bootstrap, CSS in angular framework. Also redesigned relationship between tables using entity framework and T-SQL
- Developed many end-to-end features as per requirement.
- Implemented automatic documentation (markdown) using library for certain feature

### Tark Technologies LLP

Sep 2021 – June 2022

*Software Engineer Intern*

*Rajkot, Gujarat*

- Created Airline Reservation project as part of internship with .NET web API and angular framework
- Implemented Graph search algorithm to find connected legs in case of flight layovers
- Applied various system architecture designed, understand importance of good architecture
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Utilized Visual Studio and Visual Code as a development environment in order to visualize the application in Web application.

## Projects

### Transformation Conversational Chat | *Python, Flask, MongoDB, HTML, CSS, BootStrap, Heroku*

January 2021

- Developed a chat application that translate sent chat to receivers native language
- Used web-sockets to transfer message from one end to other, implemented middle-ware that translate the chat using google translate library
- Created NoSQL database using MongoDB
- Implemented login module to identify users and provide authentication and authorization to certain features like (rooms, personal chats)used in-memory cache to preserve user login season.

### RMC Chat Bot | *Python, RASA, AWS, YAML*

February 2021

- An NLP based chat-bot for providing various online services of Rajkot Municipal Corporation(RMC) built using Rasa Framework.
- Researched and developed machine learning model that can answer common question about how to pay municipal taxes, government schemes, event registration and provide relevant links
- Used AWS S3 buckets as deployment platform, gone through AWS echo system and pricing models

### YouTube-Transcript-Summarizer | *JavaScript, Python, HTML, CSS*

October 2020

- Created a Chrome Extension which will make a request to a back-end REST API where it will perform NLP and respond with a summarized version of a YouTube transcript.
- Implemented various stages of chrome extension

## Technical Skills

**Languages:** TypeScript, C#, SQL, Python, Java, HTML/CSS

**Developer Tools:** Visual Studio, VS Code, JetBrains IDEs, Postman

**Technologies/Frameworks:** .NET, Angular, GitHub, Linux, Docker, GCP, AWS

## Leadership / Extracurricular

### Google developers club

Sept 2020 - Jun 2021

*core team member*

*V.V.P. Engineering College*

- Participated in many google events that are organized for students to get them familiar with modern software industry like devOps, cloud computing, Machine Learning
- Contributed in various club events held at campus, guided fellow students