

Parth P Shah

parthpshahh@gmail.com | | [LinkedIn](#) | | [+91-8553418198](tel:+91-8553418198)

Skills

Core: Java | Spring Boot | Kafka | Redis | Microservices Architecture | MongoDB | PostgreSQL | RESTful APIs

Agile / Scrum Tools: Jira, Confluence, Atlassian

DevOps / CI/CD Deployment: Git | Docker | Ansible

Miscellaneous: Object Oriented Design | Linux/Unix Systems | System Design | Design Document | Debugging

Work Experience (2 years 3 months)

Software Engineer - Uniphore Software Systems, Bangalore

May 2021 - Present

- Working as part of the product engineering team, spearheading a conversational analytics product offering that surfaces trends and topics driving customer calls that shape strategic planning and operational improvements and audits calls to uncover friction points and improve agent performance and compliance. A tech intensive backend with a producer-consumer system where data is streamed using Kafka, Redis used for caching, along with Postgres and Mongo as storage systems. Led the project to enhance multi-tenant security by removing audio file dependency from Linux EFS using Amazon AWS S3 and jcloudlib.

Projects

Voice Activity Detector:

- Worked on integrating a Data Science service called voice activity detector into U-Analyze that takes in an audio file path as input, processes the file along with its metadata passed in a json payload into kafka and returns the speech, non-speech and hold music duration payload which were ingested into the system.

MeetEasy:

- Developed a web application for conferencing using open-source resources like Jitsi API and WebRTC.

Weapon Detection system using yolo Algorithm:

- Built a smart weapon detection system using python and trained using machine learning, it takes live input from the surveillance camera and detects weapons if any and alerts the user upon successful detection. Involves Twilio API for the alerting system and YOLOV3 weights for the model.

Education

K S Institute of technology

2017 - 2021

- Bachelor of Engineering (B.E) Computer Science | CGPA: **8.5/10**