



Shrushti Kale

Production Engineering

Veermata Jijabai Technological Institute, Mumbai (VJTI)

B.Tech

Female

Examination	University	Institute	Year	CPI%
Graduation	Mumbai University	VJTI,Mumbai	2017-21	8.94
Intermediate/+2	HSC	SP College	2015-17	87.08
Matriculation	SSC	SPM School	2015	96.80

WORK EXPERIENCE & INTERNSHIPS

- **Application Developer** | *Citi Bank* (July'21-Present)
 - Adding new features to existing application for processing files based on SWIFT ISO Migration in Citi Private Bank.
 - Studying the translation rules and accommodating cases for order creation, screening request and its usage in other Private Bank Applications.
 - Project to aid visually challenged users to swiftly perform the functions of Citi's banking application by restructuring UI and integrating voice based navigation
 - **Tech Stack:** Java , Springboot, Springbatch , SQL Developer.
- **ML Research Intern** | *Airpix, Mumbai* (June'20-Sept'20)
 - Using Computer Vision techniques on surveillance videos of banks to alarm the system in case of attack covering use-cases like theft, robbery, fights, chase, entering premises at restricted time,etc.
 - Dataset creation(extracting,cleaning,labelling and augmentation) from videos of robberies/attacks consisting six categories(Guns,Helmet,Hammer,Knife,Mask,Person) including multi-class images extracted from surveillance footage too.
 - **Tech Stack:** Python, OpnCV, Yolo-V3, AlphaPose,LSTMs,etc
- **Data Analytics Intern** | *Mercedes Benz (Daimler)* (Dec'19-Jan'20)
 - Prepared forecasting models for leads closed using two years data. MAPE changed from 47.68% to 39% using the model prepared.
 - UAT for E-Commerce platform of MB , India.
 - Researching about Customer Lifetime Value and factors affecting it at various companies, documented for new project

B.TECH THESIS

- **Bank Safety Using Video Analytics** (B.Tech Project | Guide: *Prof. Madhukar Nagare*) (June'20-Feb'21)
Description:
 - Anomaly Detection and Action Recognition in a Bank environment and Deploying using Edge Computing
 - **mAP = 0.9527 or 95.27%** for anomaly detection.
 - **Tech Stack:** Python , OpenCV , OpenPose, AlphaPose, etc.

PROJECTS

- **Medical Aadhar, (VJTI,Mumbai)** (Jan'20-May'20)
 - Health centric locker that expedites the process of obtaining medical history of patients by leveraging technology and analytics.
 - Medical history accessed by medical personnnel in case of emergency, alerting the patient's family.
- **MoneyBytes** (July'21)
 - Mock Stock-trading platform with friendly UI
 - Ability to buy/sell stock and view trading history
 - Retrieve live stock prices using Yahoo Finance API
- **Drishyam, (Citi Bank)** (July'22)
 - Banking App for Visually Challenged Users
- **VJTI Placement Diaries** (July'20)
 - Job placement and Internship experiences of 60+ students

ACHIEVEMENTS

- Rank **Second** academically in the entire Production Engineering Branch 2021.
- Rank **First** in English Subject in the State Matriculation 2015

TECHNICAL SKILLS

- **Programming & Scripting Languages:** Python,Java,C++,Javascript
- **Tools, Frameworks & Libraries:** MATLAB, L^AT_EX, Stata,Numpy,OpenCV,TensorFlow,Springboot, Apache Kafka,LSTMs.

POR & EXTRA-CURRICULARS

- **International Service Director** at , **Rotaract Club Of Churchgate** *(Aug'19-Aug'20)*
- **Sponsorship Coordinator** at VJTI Cultural Committee *(Dec'18)*
- **Hobbies:** Trekking, Cycling, Reading,Painting