

# RUSHIKESH FALAK

Software Developer | Python | ReactJS

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📍 Rushikeshf01    📍 Ahmedabad, Gujarat

## EXPERIENCE

Software Developer Intern  
eSparkBiz Technologies Pvt Ltd.

📅 Jan 2024 - Aug 2024    📍 Ahmedabad, Gujarat

- Strengthened **MYSQL** and **HTML, CSS, JS**. gained proficiency **ReactJS** and **TypeScript** for front-end development.
- Acquired foundational knowledge in Python and gained experience with frameworks such **Flask, Django**, and **Django REST Framework (DRF)**, along with other engineering tools.
- Built and enhanced a full-stack task management system with **kanban** feature using **Node.js** and **Express.js**.
- Built a Twitter clone in **TypeScript** using **ReactJS** and **Django** , developing real-time features such as user notifications via **WebSockets** and **Django channels**, along with user feeds, tweets, comments, and replies.

## PROJECTS

Twitter Clone

📅 Jan 2024 - July 2024

- Developed a Twitter clone with a **ReactJS** and **TypeScript**, and **Django**.
- Implemented user authentication with **JWT** tokens, a dynamic feed, and social features such as following, tweeting, retweeting.
- Integrated real-time notifications using **Django Channels** and **WebSockets**.

Safety Hazard Detection System

📅 Jan 2024 - Apr 2024

- Enhanced worker safety by identifying the unauthorized presence and ensuring compliance with safety regulations.
- Developed a safety hazard detection system using **YOLO** for, implementing restricted area monitoring using the **IOU** method.Built the API using **Flask** with an **HTML/CSS/JS** frontend.

Sentiment Analysis of Product Review

📅 Sept 2023 - Nov 2023

- Helped businesses analyze customer feedback to enhance product strategies.
- Built a sentiment analysis system for product reviews using **Python, Django, ReactJS** and **BERT** NLP model.

## EDUCATION

BTech in Computer Engineering  
Silver Oak University, Ahmedabad

📅 Oct 2020 - May 2024    CGPA: 9.36

Class XII  
Vivekananda Higher Secondary School

📅 April 2020    85%

Class X  
Saraswati Vidya Mandir, Ahmedabad

📅 April 2018    81%

## SKILLS

Python

JavaScript

TypeScript

Django

Flask

ReactJS

MySQL

PostgreSQL

HTML

Git

CSS

Machine Learning

## COURSEWORK

- Data Structures and Algorithms
- Python For Web Development
- Database Management Systems
- Object-Oriented Programming
- Engineering Mathematics I & II
- Deep Learning
- Machine Learning

## PARTICIPATIONS

- **Finalist, National Level Hackathon** by Charusat University, Anand, Gujarat (Aug 2022)
- **Hashcode 2022** by Google (Jan 2022)