

# Akshat Shah

## Software Engineer

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## Experience

### Wells Fargo Jul 2022 - Present

Program Associate (Technology) Bengaluru

- Working in key **modernization** and **resiliency** initiatives involving **microservices architecture**
- Working with **.NET Core**, **SQL Server** and **MongoDB**
- As an intern (April-June 2021), worked on **Node** (Express), **Python** for NLP (SpaCy, Flask), **Elasticsearch** and a **React**-based client

[Link](#)

### Community of Coders, VJTI Jul 2019 - Present

Core Member Mumbai

- React** Website Contributor
- Magazine Contributor and Curator of three editions
- Instructor for Web and CLI workshops with 50 attendees
- Project Mentor as part of *Inheritance*

[Link](#)

### Center of Excellence, VJTI Apr 2021 - May 2021

Web Intern Mumbai

- Worked on the front end of a Capture The Flag website using **React**

## Education

### Veermata Jijabai Technological Institute 2018 - 2022

BTech Information Technology, 9.21/10 Mumbai

### Kishinchand Chellaram College 2016 - 2018

HSC Science, 95.7% Mumbai

- Stood at the first rank across all streams in the college

## Certification

### Azure Fundamentals

Microsoft • Credential ID: 994279184 | Issued: Dec 2022 • Never expires

## Projects

### SCM With Location Tracking

Supply chain management with an Android app for navigation and location tracking, and a web interface for management

- Developed the app using **Android Studio** in **Java**
- Contributed to the backend **Express API**
- Developed the front end using **React**

### Dense Video Captioning

Deep Learning approach using PyTorch to detect multiple events in untrimmed videos and generate captions for them

- Transformer-based architecture utilizing sparse and deformable attention mechanisms using **PyTorch**
- Responsible for audio and visual **feature extraction** from raw videos
- Responsible for **pretraining** of audio and visual feature encoders

### Educational Forum

An online forum for writing articles, chatting and create sub forums and communities

- Contributed to the **database design** and **implementation** in **PostgreSQL**
- Implemented the **chat feature** using **Socket-IO**
- Worked on the front end using **HTML**, **Bootstrap** and **JavaScript**

## Skills

### Programming Languages

Proficient: JavaScript, Python, C++; Familiar: C#, Java, Kotlin

### Web Development

HTML, CSS, TailwindCSS, React, Express, ASP.NET Core, Jest, React Testing Library

### Machine Learning

Scikit-learn, PyTorch

### Tooling

Git, Docker, Linux, Postman