



Experience

Wells Fargo Apr 2021 - Jul 2021

Software Engineering Intern

- Constructed a microservice architecture involving Node (Express), Python (Flask), Elasticsearch with a team
- Built a client interface using ReactJS
- Worked on functionality requiring NLP

[Link](#) [🔗](#)

Community of Coders, VJTI Jul 2019 - Present

Core Member

Mumbai

- 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 ReactJS

[Link](#) [🔗](#)

Education

Veermata Jijabai Technological Institute 2018 - 2022

BTech Information Technology, 9.2/10

Mumbai

Kishinchand Chellaram College 2016 - 2018

HSC Science, 95.7%

Mumbai

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

Bright Start Fellowship International School 2005 - 2016

IGCSE , 94%

Mumbai

- First rank in school, with grades: 7 A*, 1 A

Projects

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
- Responsible for audio and visual feature extraction from raw videos
- Responsible for pretraining of audio and visual feature encoders

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

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: Java, Kotlin

Web Development

React, Express, HTML, CSS, TailwindCSS, Jest, React Testing Library

Machine Learning

Scikit-learn, PyTorch

Tooling

Git, Docker, Linux, Postman