# HRITHIK GAJERA

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## EDUCATION

**Veermata Jijabai Technological Institute,** affiliated by **University of Mumbai**                    **Mumbai**
*B. Tech in Computer Engineering*                                                                              *September 2020*
- GPA: 8.58/10

## WORK EXPERIENCE

**Amazon**                                                                                                           **Bangalore**
*Software Developer Engineer – 1, Software Developer Engineer – 2*                          *April 2022 – Present*
- Performed Latency Experiment by artificially delaying components on the Amazon Detail Page and measuring the impact on financial and business metrics.
- Contributed to operational activities as team on-call and created detailed Latency Reports containing information on various factors contributing to client side and server side latency. Also carried out multiple investigations and root-caused multiple latency related issues.
- Created client side metrics related to caching that helped to determine the proportion of customers that used cached and non-cached Javascript and CSS components and the corresponding client side latency.
- Demonstrated leadership by onboarding, mentoring and grooming new team members and interns leading to faster ramp-up.

**MSCI Inc.**                                                                                                          **Mumbai**
*Technology Analyst*                                                                                          *June 2020 – March 2022*
- Developed a completely flexible GraphQL API from scratch to expose 98 datapoints on a single endpoint and improve the performance by around 50%.
- Enhanced a python API hosted as Azure Functions Application, by around 80% to access files from Azure DataLake by analyzing the input and output
- Learnt about basics of Docker and Kubernetes and Deployed services on Kubernetes cluster by creating Helm charts.
- Developed and enhanced an internal Web Application Platform used by 700+ users. Incorporated requests and solved technical issues on the platform on a daily basis by interacting with the clients.

**Samsung R&D**                                                                                                      **Bangalore**
*Summer Intern*                                                                                              *May 2019 – July 2019*
- Developed a Web of Things model as a Proof of Concept using existing protocols such as HTTP, Web Sockets, JSON, etc.
- Built a Client-Server Platform using Raspberry Pi, Node.js and Cordova where one client can remotely control some functionalities of another client.
- Demonstrated the POC by controlling the volume of an Android device using another device.

## PROJECTS

**Instagram Clone**
*May 2021 | <Github> | [Website]*
- Created an Instagram clone website using React.js as frontend and Firebase as backend with enabled authentication.
- Implemented functionalities like posting of pictures and videos, commenting on posts and setting/changing profile picture using React State management.

**Number Guesser**
*April 2020 | <Github>*
- Built a Machine Learning application which recognizes a user-drawn digit by training a Neural Network and a Convolutional Neural Network on the mnist dataset with accuracies of 95.4% and 97.6% respectively using keras and pygame modules.

## SKILLS & INTERESTS

**Skills:**
*Programming Languages:*
Proficient in C++, Acquainted with Java, Python, JavaScript
*Technologies:*
HTML-CSS, SQL, Node.js, React.js, GraphQL, Kubernetes, Docker, Keras, Microsoft Azure

**Interests:** Sports like Badminton, Football, Volleyball, Chess, etc.