

# NACHIKET TRIVEDI

(408) 799-4541 • San Jose, CA • [nachiket5197@gmail.com](mailto:nachiket5197@gmail.com) • [github.com/nachiket-trivedi](https://github.com/nachiket-trivedi) • [linkedin.com/in/nachiket-trivedi](https://linkedin.com/in/nachiket-trivedi) • [nachiket-trivedi.github.io](https://nachiket-trivedi.github.io)

## EDUCATION

**Master of Science, Software Engineering**  
San Jose State University

Anticipated May 2021 | San Jose, CA

**Bachelor of Technology, Information and Communication Technology**  
Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)

Aug 2014 – May 2018 | India

## EXPERIENCE

**Software Engineer Intern at Evolko, Inc.**

May 2020 – Present | San Jose, CA

- Leading the frontend engineering team of one of the prime products of Evolko.
- Responsibilities include developing client-side web application using **React** and the client-side mobile application using **React Native**.
- The product, having **thousands** as userbase, is a novel application connecting doctors and hospitals with patients, thereby changing the healthcare spectrum in the **COVID-19** world.

**Graduate Research Assistant at San Jose State University**

May 2020 – August 2020 | San Jose, CA

- Worked with Professor Magdalini Eirinaki for domain classification and prediction using Machine Learning methodologies.
- Generation of dataset using web scraping, data processing using pandas, classification using various Machine Learning models.

**Software Development Engineer at Deloitte**

June 2018 – March 2019 | Mumbai, India

- Designed, developed and shipped the frontend web module of the chief dashboard service for the firm's key client- DDS, the State of Mass.
- The **React** based module consists of an appointment management system, an interactive analysis board, along with a job posting apparatus.
- Improvised the dashboard batch execution performance by **40%** by developing a robust and reusable framework using **Java** and **Python**.

**Research Assistant at Cyber Security Research Group, DA-IICT**

Jan 2017 – June 2018 | India

- Developed a **Python**-based **Android** application: *MalDetec*. Wrote a research paper based on the same which got [published by Springer](#).
- *MalDetec*, a **solo research project**, is a non-root approach for dynamic malware detection in Android.
- Became the only undergraduate to get the paper accepted at **ICISS 2017**. Received an **IEEE award** for the publication.

## PROJECTS

**Portfolio Maker ([Live application](#))**

Summer 2020

- Developed an **open source** application based on **React** and **Node** for users to create and host their own portfolio websites within 10 minutes.
- The application, which started as a **personal summer project**, has already **over 50 user base**, and continues serving job seekers everywhere.

**CartShare, A Sharing Pooling Service (Dockerized and hosted on AWS)**

Spring 2020

- Developed a scalable sharing-pooling system using **React**, **Spring Boot** and **MySQL** to **combat the spread of COVID-19**.
- The neighbors can pool their orders and one pooler shops from the store, thereby promoting social distancing.

**Umbrella, A Testing Service Platform ([Live application](#), Dockerized and hosted on AWS)**

Fall 2019 – Spring 2020

- Developed a full stack testing service platform using **React**, **NodeJS**, **ExpressJS**, and **MongoDB**
- Testing Engineers and Managers can share projects, manage subscriptions, make and review submissions, locate the team.

**GrubHub Clone**

Fall 2019

- Developed a 3-tier **distributed** food ordering web application which simulates GrubHub using **ReactJS**, **NodeJS**, **MongoDB**.
- Implemented messaging queues using **Kafka**, deployed on **AWS EC2**.

**Twitter Clone**

Fall 2019

- Developed a 3-tier **scalable** social networking web application using the **MERN stack** which simulates Twitter.
- Implemented messaging queues using **Kafka**, used **AWS Auto Scaling** and **Load Balancer** over multiple **EC2** instances.

## TECHNICAL SKILLS

**Programming Languages** Java, JavaScript, Python, C, SQL

**Framework/ Technologies** React, React Native, Redux, Bootstrap, NodeJS, ExpressJS, Spring Boot, GraphQL, Kafka, MongoDB, MySQL

**Platforms** Cloud- AWS EC2, Load Balancer, Auto Scaling; Containers- Docker; Version Control- Git, SVN

## LEADERSHIP, ACHIEVEMENTS AND HOBBIES

- **Chairman**, Microsoft Students' Technical Club, DA-IICT. Led the local chapter of the club which comprised over 40 students for 1.5 years.
- Recipient of an **IEEE Scholarship** by the IEEE Gujarat state chairman for excellence in undergraduate research work.
- One of the **first-round finalists** in the 'Opportunity Hack 2019' at **PayPal HQ**. Developed a mentor-mentee pairing application within 30hrs.
- **Selected by Facebook** to participate in the closed door FB San Francisco Hackathon (Nov 2019).
- *Hobbies*: Streak coding, reading History, writing English poems.