

NACHIKET TRIVEDI

(408) 799-4541 • San Jose, CA • nachiket5197@gmail.com • github.com/nachiket-trivedi • linkedin.com/in/nachiket-trivedi

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.

June 2020 – Present | San Jose, CA

- Leading the frontend engineering team of a prime product 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 post **COVID-19** world.

Graduate Research Assistant at San Jose State University

May 2020 – Present | San Jose, CA

- Working with Professor Magdalini Eirinaki for domain classification and prediction using Machine Learning methodologies.
- Generation of dataset using **web scraping**, data processing using **pandas**, domain classification using **Transformers** (RoBERTa)

Software Development Engineer at Deloitte

June 2018 – Feb 2019 | Mumbai, India

- Improved the batch execution performance by **40%** by converting internal batches from a 3 layered legacy structure to a single layered framework.
- Achieved to make the created framework usable for the whole team. Implemented core functionalities like dynamic notifications of batch logs, encryption of sensitive batch information. Tech used: **Java, Python, MySQL**.

Research Assistant at Cyber Security Research Group, DA-IICT

Jan 2017 – June 2018 | India

- Extracurricular personal project: MalDetec, a malware detection tool ([Published by Springer](#))
- Developed a non-root approach using **Python** for dynamic malware detection in **Android**. Wrote a research paper based on it.
- Became the **youngest author** to get the paper accepted at ICISS 2017. Received an **IEEE award** for the publication.

PROJECTS

CartShare, A Sharing Pooling Service ([Live application](#), **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**.
- Neighbors can pool their orders while 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.

Mentee Meets Mentor | PayPal Hackathon, San Jose (Team of 4)

2 Nov – 3 Nov 2019

- Developed a mentor pairing application for the NPO 'Year Up' within **30 hours** at Opportunity Hack '19, **PayPal HQ**.
- Implemented Backend APIs and Frontend components using **Node** and **React**, managed database using **MongoDB**.

TECHNICAL SKILLS

Programming Languages Java, JavaScript, Python, 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

- Vice Convenor, Microsoft Students' Technical Club, DA-IICT.
- Recipient of an IEEE Scholarship by the IEEE state chairman for excellence in undergraduate research work.
- Selected by Facebook to participate in the FB San Francisco Hackathon (Nov 2019), built a trivia game using the messenger API.
- Hobbies:* Streak coding in hackathons, writing English poems and short stories.