

# SAMKIT SHETH

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## EDUCATION

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

*August 2019 - May 2021*

**C U Shah University, Surendranagar, India**  
Bachelor of Technology in Computer Engineering

*July 2014 - April 2018*

## TECHNICAL SKILLS

<b>Programming Languages</b>	Python, JavaScript, Java
<b>Web Frameworks/Technologies</b>	NodeJS, React-Redux, HTML5, CSS, Bootstrap, GraphQL
<b>Database</b>	MySQL, MongoDB, Redis
<b>Software Development Models</b>	Agile Development, Scrum and Kanban
<b>Tools/Others</b>	Git, Docker, JUnit, Mocha, Enzyme, Jmeter, AWS (EC2, S3, RDS, ELB, ECS, Beanstalk)

## WORK EXPERIENCE

**Big Analytixs, Sacramento, USA**  
*Software Developer Intern*

*March 2021 - Present*

- Developed a multi-page form using Formik, Yup, and React. Generated an automated CSV using form data with Node.
- Worked on developing ETL data pipeline in R and extracting intelligible data from Hadoop using R.

**Saral Information Technologies Pvt Ltd, Ahmedabad, India**  
*Software Developer*

*May 2018 - June 2019*

- Developed a trading platform for brokerage firms. Implemented REST APIs in Node.js for Radar(real-time price scanner), real time market movement and basket orders.
- Worked on developing an analytics dashboard to show clients and broker the performance of their stock based on various metrics. Utilized React and Recharts to develop interactive graphs.

## ACADEMIC PROJECTS

**Archive IT**(<http://bit.ly/ArchiveIT>)

React-Redux, Django, Material-UI, Sql, Docker

- Built a storage solution web application that lets users store and retrieve data like google drive. Users can archive their uploaded data reducing their storage cost. Added support for organizations with access control. Dockerized the entire application with docker-compose.

**Zipcar Prototype**(<https://bit.ly/gitZipcar>)

React, Redux Hooks, Node, Sql, Docker

- Contributed in development of a Zipcar like web application with all the primary functionality and admin dashboard using MERN stack. Tested the application using Jmeter, Chai, Mocha and Enzyme, dockerized the application and deployed it using AWS Elastic Beanstalk.

**Starbucks App Terminal Simulation**

Java, JUnit

- Developed a terminal simulation of the Starbucks mobile app to depict the effective use of design pattern in Java such as Command, Chain of Responsibility, Observer, Decorator, Composite pattern, Strategy pattern.

**Distributed Datastore** (<https://bit.ly/Dataverse>)

gRPC, Python

- Built a fast decentralized file storage system using gRPC to allow users to store and retrieve file streams with a configurable replication factor.
- Implemented the gRPC client side thick load balancing and deployed on AWS EC2.