

# Huzefa Saiffee

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## Education

### University of Utah, David Eccles School of Business

Master of Science in Information Systems | CGPA: 3.94

Coursework: Data Structures & Java, Machine Learning Application, System Analysis & Design

Salt Lake City, UT

December 2020

### State Technological University of MP (R.G.P.V)

Bachelor of Engineering in Computer Science & Engineering

Bhopal, India

June 2018

## Technical Skills

- Languages: Python, Java, Android, JavaScript, HTML, CSS
- Libraries and Frameworks: Angular, React, Redux, Node.js, RESTful API, Socket.io, Hibernate, Struts
- Databases: MySQL, BigQuery, MongoDB
- Version Control: Git

## Work Experience

### University Information Technology, University of Utah

Project Lead

Salt Lake City, UT

March 2020 – August 2020

- Automated the process of generating weekly network deployment reports by creating a dashboard using Python, MySQL, and Node.js, saving two hours of the team every week and enhanced the accuracy by 20% of the reports generated

### Swati Jain College

Full Stack Developer

Indore, India

August 2017 – July 2019

- Developed a chat-room application, using Socket.io to interact with Node.js and JavaScript and communicate among several users with a facility to join different rooms and share their current location, ensuring a list of all currently active connections
- Developed a RestAPI application named Task Manager using Node.js and MongoDB to create new users, maintain multiple tasks by keeping notes for individual users, and include recurring login feature for a single user

## Volunteer Experience

### Indian Student Association (ISA) – <https://indianstudents.utah.edu>

Webmaster

Salt Lake City, UT

May 2020 - Present

- Maintaining ISA's website to keep all the information up-to-date and automate hosting and pickup process for the upcoming students to the University of Utah

## Academic Projects

### Weather-App – Node.js, RestAPI

March 2020

- Created a live web-based application hosted on Heroku to fetch weather, for a location provided by the user or browser's current location by making requests to Mapbox and Darksky APIs using Node.js code and Axios library

### GitHub Repository Analysis – Python (numpy, pandas, beautifulsoup, scipy, seaborn, matplotlib)

February 2020

- Performed web-scraping on top 100 Github repositories to predict the number of stars for most popular programming languages based on factors like stars, forks, contributors, issues, and readme length with an accuracy of 65% using linear and multivariate regression techniques and also developed multiple visualizations on the model using matplotlib

### Faster Checkout – Android Application

March 2018

- Led a team of 3 to develop an Android-based billing application with integrated camera API based on Java, to create a bar code scanner for the application letting items to be scanned and billed instantaneously; reduced 60% of the checkout time, for a supermarket having 75k customers, annually

### Aayam2k17.in – Website Development

January 2017

- Automated the event registration process by designing a website using JavaScript and Google Forms to display all information relating to college events and allowing over 5k easy registration access