

# SAGAR CHANDANI

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## Education

### Master of Science: Computer Science

The University of Texas At Arlington

May 2020

Arlington, TX

### Bachelor of Engineering: Computer Science

Gujarat Technological University

May 2016

Ahmedabad, Gujarat, India

## Work History

### Student Web Developer

The University Of Texas At Arlington

Jun 2019 - May 2020

Arlington, TX

- Restructured and Redesigned website to reduce the redundancy by 30%
- Collaborated with Departments, representing web team to establish project goals, projections and milestones.
- Conceived and built optimized landing pages in HTML and CSS, including Javascript Library integration and cross-browser compatibility, to support responsiveness.
- Multi-tasked across multiple focuses to generate project results and meet deadlines and organizational expectations.

### Full Stack Developer

ThirdRock Techkno

May 2018 - Aug 2018

Ahmedabad, Gujarat, India

- Made a Chrome Extension to annotate images and video to be shared or saved on different mediums like Google drive, Dropbox, Slack and Jira using React.js, Node.js, MondoDB and Bitbucket
- Implemented services like AWS S3, Multipart upload, Oauth, REST API, CI/CD, using Scrum Development approach
- Helped peers to debug code and improved coding standard by including comments, helper methods and documentations
- Planned and engineered RESTful web services to manipulate dynamic datasets on AWS S3.
- Oversaw web platform testing, troubleshooting and user sampling prior to live deployment.

### React Native Intern

Hasura

Feb 2018 - May 2018

Bangalore, Karnataka, India

- Created a Cross-Platform React Native Mobile Application by using Mapbox to let users see the distance and the steps visually
- Used APIs made in Python-Flask made by a teammate in the application to get the data from Mapbox
- Successfully deployed the Application on Kubernetes working with 3 interns by using Agile Development
- Implemented a Development journal chronicling the details of every step.

### Android Developer Intern

Quadmagnus

Mar 2017 - Aug 2017

Ahmedabad, Gujarat, India

- Worked with teams from other projects and departments to create apps and data driven by customer input using SDLC
- Designed user interfaces that engaged multiple senses and produced immersive experiences.
- Prepared detailed reports on updates to project specifications, progress, identified conflicts and team activities.
- Collaborated with cross-functional development team members to analyze potential system solutions based on evolving client requirements.

## Academic Projects

### MyGroup - React Native Application (2020)

- A group created by author in which readers could join with invites to read and rate the content

### Cloud Computing - Web Application (2019)

- Used Python-Flask and JavaScript to build and Deploy Applications in **AWS**, **MS Azure**, and **IBM Cloud**, by using JavaScript, D3, and HTML.

### Jeopardy - Recommender System Web (2018)

- Using Jeopardy Dataset made a Web application with a **Front-End** in **React.Js** and **Back-End** in **Python-Flask** hosted on **Linode**.

### Rapid Rail Search - Android (2016)

- Designed & Developed to provide a robust interface for extracting salient features of a railway trip to showcase Live Status of train and PNR Status of Booked Ticket

### Stegapic - Cryptography (2015)

- Made an Web Application in PHP which could let user **Encrypt** and **Decrypt** image with a message.

## Technical Skills

- Agile workflow processes
- Website optimization
- Critical Thinking
- Problem solving
- Code debugging
- Version Control

## Languages, Frameworks & Tools

- JavaScript, CSS, XML, Python, Java, Android, SQL, PHP, Git, React, Jasmine, D3, NPM, Babel, GIMP, Audacity, Wireshark

## Accomplishments

- Awarded Student Employee Award of Excellence - 2020
- 1st in One Night in Asia for Representing Indian Folk Dance - 2018 & 2019
- Employee of the Month at ThirdRock Techkno - 2018
- Best Dancer in Free Style at GEC Patan - 2015 & 2016