

## Education

Master of Computer Science University of Minnesota, <i>Duluth</i> - <b>GPA 4.0</b>	May 2019
Bachelors in Information and Communication Technology Dhirubhai Ambani Inst. Of Information & Comm. Tech., <i>India</i>	May 2014

## Technical Skills

Python, JavaScript (ES6), Ruby, C++.

React JS, Redux, Ruby on Rails, Node JS, HTML5, CSS3, SQL, GIT, REST API, Linux, Docker, Webpack, Nginx, AWS.

## Work Experience

- **TempWorks Software (*Development Intern*)** May 2018 - August 2018
  - React JS, Redux, .Net, HTML5, CSS3, ES6, JQuery, JEST
  - Wrote several test driven features, implemented various designs, reduced the footprint of the web pack compilation by 44%
  - Squashed several bugs across five different projects, fixes ranged from SQL stored procedures, REST APIs and UI bugs.
- **University of Minnesota (*Graduate Teaching Assistant*)** Aug 2017 - Present
  - C++, DataStructures, OOPs, CMake, Make, UNIX shell.
  - Code Reviewing, Leading Discussions, Code Walks, Proctoring, Grading.
- **KeepWorks Pvt. Ltd., India (*Full Stack Developer*)** April 2015 - June 2017
  - Ruby on Rails, React JS, Redux, Node JS, HTML5, CSS3, ES6, JQuery, NGINX, GIT, Docker, AWS.
  - **Kandy Developer Portal**, Optimised response time by 70 percent, refactored database from 220 to 40 tables. Developed billing algorithm ground up. Developed several automated tests.
  - **Joojip**, developed both the Frontend web app and REST API ground up.
  - **DocBuddy**, Improved several endpoints in the REST API for the iOS app available on test flight.
  - **Omnicode**, Developed the PR comment feature and fixed bugs.
  - Code Reviewed junior and peer developers.
- **Deloitte, India (*Business Technology Analyst*)** July 2014 - April 2015
  - Java, JavaScript, XML, Jenkins, HTML5, CSS3, GIT.
  - Implemented test cases on a propriety framework using JAVA and XML.
  - Stabilised script failures by identifying gaps in developer code and framework capabilities.

## Academic Projects

**Gmail Analyser:** A website built on NodeJS that generates statistics from one's Gmail Inbox using the Google API.

**Sasta Price:** A web scrapper that pulls data from Indian online retailers and runs them through an algorithm which gives out the link for the cheapest and most relevant product.

**Steganography Tool:** An Encoder which exploits the order of attributes in an HTML file to hide information, Decoder deciphers the hidden binary information.

**UFC Fight Predictor:** Currently working on this, a tool that uses an ensemble of machine learning algorithms to predict the fight outcomes of upcoming UFC fights.

## Awards and Achievements

- All India Rank 9870 in AIEEE 2010 out of approximately 1 million test takers (Top 1%).
- GRE 329/340. TOEFL: 113/120.
- President, Indian Student Association, UMD (Aug 2017 - Present).
- Elected member, SBG and Cultural Committee, DA-IICT (Apr 2012 - Oct 2013).