

Education

Master of Computer Science May 2019
University of Minnesota, *Duluth* - **GPA 4.0**

Bachelors in Information and Communication Technology May 2014
Dhirubhai Ambani Inst. Of Information & Comm. Tech., *India*

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 Softwares (Development Intern)** May 2018 - August 2018

- React JS, Redux, dot 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).