

JAY JARIWALA

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EDUCATION

Teaneck, NJ **Fairleigh Dickinson University** **Sept 2015—May 2017**

- **Degree:** Master of Science in Computer Science (**GPA: 3.94**)
- **Programming Coursework:** Software Engineering, Java and Internet, Mobile Application Development, Database Systems, Linux Shell Programming, Computer Architecture, Operating System etc.
- **Activities:** Participated in Student ACM chapter – Work on extracurricular programming projects, help peers with code, conduct project presentation.

Gujarat, India **Gujarat Technological University** **Sept 2010 – May 2014**

- **Degree:** Bachelor of Science in Information Technology
- **Coursework:** Algorithm and Data Structure, Object Oriented Programming, Computer Networks, System Programming, Web Technology, Cyber Security, Data Compression and Data Retrieval
- **Team Project:** Alumni Network – Created Alumni Management System for the University. The application delivers interactive environment among university alumni and admitted students. The system frontend was developed using technologies such as Html5, Css3 and vanilla JavaScript. The backed uses technologies such as JSP, Servlet, Java and SQL database.

EMPLOYMENT

Software Engineer **SDI Global Services (www.sdigs.com) (startup)** **July 2017 – Feb 2020**

Address: 103 Carnegie Center Drive, Suite 300, Princeton, NJ 08540. #(732)-357-6417

- Worked on improving the STAR Application (**S**imulation and **T**raining **A**pplication for **R**CU) for one of the company's client.
- Implemented WebRTC Screen-Sharing feature in Web-based mobile application to facilitate effective communication between Instructor laptop and student tablets in the STAR system.
- Performed necessary changes on STAR Master System and Student Applications based on client's requirement
- Improved the codebase of STAR Application—made it more reliable, developer-friendly and scalable for network communication
- Designed and developed Limousine Affiliate Management system for one of the company's client. The system manages the affiliates account and keeps track of information such as passenger details, ride details and vehicle Inventory.
- Added basic data-table features such as data filtration, sorting, pagination and searching.
- Utilized [moment.js](#) library to facilitate users with different timezones.
- Leveraged my knowledge in Full Stack Web Development, Version control Systems (Git and SVN), Javascript, AngularJS, Node.js and NoSql database management. Used deepstream.io for real-time communication and VSCode text editor for development.

Digital Development Intern **Today's Business(www.tbsmo.com)** **Aug 2016 – Dec 2016**

Address: 39 US-46 Unit 801, Pine Brook, NJ 07058. #(973)-575-1600

- Converted Web Mockup Design into fully functional, responsive and cross-browser compatible websites using HTML5 Semantic markup, CSS3 and vanilla Javascript
- Learned to utilize modern frontend development development tools such as Sass, Gulp and Command Line Terminal into my daily workflow.
- Assisted team members with Project management, SEO guidelines and website deployment in production.

Skills

- **Proficient:** HTML, CSS, Vanilla Javascript (ES6), jQuery, NodeJs, MongoDB, Unix Shall Script, Git, Heroku, Digital Ocean and Nginx
- **Familiar:** ReactJS, AngularJS, Java, SQL, C++ and Firebase