**EDUCATION**

**Anand Dharne**

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**University of Massachusetts, Lowell**,

**Master of Science** August 16 - Present

**Major:** Computer Engineering and Science

**RELEVANT COURSEWORK & SKILLS**

Software Engineering: Agile Methodology and Software development life cycle

• Implemented and practiced Agile methodologies (JIRA and Scrum) in production environment

Web development and Database Techniques

• Used database (MS SQL) to develop a web based application to connect to a front end website. Worked on a project to build a single page app in AngularJS

**PROFESSIONAL EXPERIENCE**

**Software Engineering Intern** *July 2016—Present*

**InsightFormation, Inc.** *New York City, NY*

* Defined and developed the application’s presentation layer using HTML5, CSS3, JavaScript and jQuery Scripting
* Organized and implemented Google Analytics data tracking campaigns to maximize the effectiveness of email remarketing initiatives that were deployed using Salesforce’s marketing cloud software
* Used Test­ Driven Development with SCRUM Agile methodology
* Monitored developed applications and fixed bugs
* Handled different Content Management Systems like WordPress, Joomla, SquareSpace
* Performed Backend Testing by developing and executing SQL queries to validate data

**Software Engineer/ IT Analyst**  *May 2014—July 2015*

**Fizzible Tech** *Pune, India*

* Participate in requirement gathering, system business analysis for proposed software
* Conducted keyword discovery using online tools, competitive research, and analysis for B-plan competitions
* Wrote and implemented scripts to enhance user experience and integrated scripts with the CMS(WordPress)
* Performed Planning and Development of Test plans, test strategies and test scenarios to meet product requirements
* Designed and developed tests cases for automated testing and analyzed the results and reported it to other team members
* Used Selenium Web Driver for cross browser functional testing of web applications in Chrome, Firefox and IE
* Developed and maintained the E-commerce website - [Fizzible](https://www.fizzible.com)
* Won the award for the third best start-up representing Fizzible at TIE (The Indus Entrepreneurs) in association with Rice University

**University of Massachusetts, Lowell** *September 2016—Present*

**Research Project, ACNL Lab (Advanced communication networks lab)**

* Built a visualized graph based on the API response for bandwidth availability. Libraries used were Charts.js, C3.js, D3.js,
* Currently working on developing front-end using React JS, JQuery, AJAX, HTML, CSS and Spring (JAVA) based on MVC architecture.
* Designed a RESTful Web Application for querying the bandwidth to OSCARS for advance reservation of the network
* Used Jasmine for JavaScript unit testing. Built test cases for testing.
* Auto builds Configuration using Grunt Script and NPM dependencies

**RELAVENT PROJECTS**

* **Student Relationship Management System**
* Built a software solution, which creates a bridge between Parents, Professors, and Students. An educational institution to maintain records of students and manage activities of the Institute can use this product. SRMS is built on ASP.NET platform using SQL server as backend
* **Personal Portfolio**
* Link - [Portfolio](https://ananddharne.github.io) (https://ananddharne.github.io)
* Used The MEAN stack to build the portfolio, Angular.js for front-end and node.js for talking to the back end with MongoDB.

**TECHNICAL COMPETENCIES**

* Web Technologies: JavaScript, HTML5, CSS3, XML, PHP, AJAX, React, JQuery, D3, Node.js, JSON, Angular.js, Grunt, Bower,
* Google Suites: Analytics, Chart.js
* Email Technologies: Salesforce, IMAP, POP
* IDE’s: IntelliJ Idea, Eclipse
* Networking:
* Programming Languages: SQL, Python, Java, C
* Data Visualization: Tableau, MATLAB, C3.js, D3.js
* Databases: MS Access, SQL, MongoDB
* Web Servers: Apache Tomcat, Oracle Weblogic
* Testing frameworks: Selenium, Jasmine
* Cloud technologies: AWS (EC2)