

**EDUCATION**

**University of Massachusetts, Lowell,**  
Master of Science  
Major: Computer Engineering

*Aug 15 – May 17***PROFESSIONAL EXPERIENCE****Happie, Inc***June 17 - Present***Software Developer - Front-End , Boston, MA**

- Implemented features and resolved bugs for the web application built in Vue.js (Javascript). Configured with Webpack
- Participated in agile processes and stand-up meetings thus gaining a strong understanding of the product with respect to SDLC
- Experienced in deploying applications using CircleCI ,GitlabCI and Jenkins that provides continuous integration and continuous deployment
- Used Docker to dockerize build and test jobs in the CI process to speed up the CI build. Set up Kubernetes clusters to orchestrate cloud containers
- Learnt a good amount of Linux shell and shell scripting. Proficient with Arch Linux and Ubuntu
- Successfully deployed the app to google cloud (static assets) in the form of a bucket and also used Heroku to deploy the entire app
- Initiated and pioneered Quality analysis(QA) and Automated end to end and unit testing for the web application
- Set up e2e and unit tests for the Front-End for the web application based on the test cases. The testing stack included Karma, Jest (Test runners), jasmine, vue-test-utils for unit testing and Selenium, Testcafe and Nightwatch.js for automated e2e tests
- Implemented unit and API testing using the Nose framework in Python

**InsightFormation, Inc***Jul 16 – Dec 16***Software Engineering Intern Minneapolis,MN**

- Defined and developed the application's presentation layer using HTML, CSS and Javascript (Jquery)
- Performed automated testing for the main website and reported back to the supervisor strictly adhering to the test plan
- Monitored developed applications and fixed bugs. Used JIRA for bug tracking and Scrum boards in JIRA to finish sprints
- Handled different Content Management Systems like WordPress, Drupal, SquareSpace for clients with different front-end needs

**Software Engineer/ QA Analyst***May 14 - July 15***Fizzible Tech, Pune, India**

- Participate in requirement gathering, elicitation and system business analysis for proposed software
- Actively worked in all stages of the software development life cycle
- Performed Planning and Development of Test plans, test cases and test scenarios to meet product requirements
- Used Selenium Web Driver (QA) for end to end testing of web application in Chrome, Firefox and Phantom, because headless browsers.
- Developed and maintained the front-end of the E-commerce website (WordPress and jQuery for custom themes) - Fizzible
- 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***Sep 16 - Jan 17***Research Project, ACNL Lab (Advanced communication networks lab)**

- Built a visualized graph by consuming an API at the back-end. Libraries used were Charts.js, D3.js and React framework
- Converted wireframes / mockups into fully functioning UI's
- Used Jasmine for JavaScript unit testing and mocha as a test runner. Used git for version control

**PROJECTS****❖ Student Relationship Management System**

Built a software solution for the IT department in school, 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 Django using Postgres SQL server

**❖ Music app for recognizing humming**

This was a partially successful attempt to use intelligence for speech recognition. A web app, that recognizes the song by detecting the humming of a person. It also successfully recognizes the name of the song when it is played. Continual efforts are being made to make the bot more intelligent. Running into problems detecting syllables

**TECHNICAL SKILLS**

Javascript ( Nodejs, Vue, React ) development, Django ( Python ), Devops, manage CI/CD pipelines, QA Automation, Unit and e2e Testing ( Database and UI ),Linux scripting, Knowledge of databases like SQL,NoSQL,MongoDb