

# Aishwarya Nandkumar Pachange

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## Education

### University of North Carolina at Charlotte

August 2018 - May 2020

- Master of Science in Computer Science | **GPA: 3.66/4**

### University of Pune | Pune, India

June 2013 - July 2017

- Bachelor of Engineering in Computer Science and Engineering | **GPA: 3.58/4**

## Technical Knowledge

**Programming Languages:** Java, Android, JavaScript, C, Python, Ruby

- **Databases:** MySQL, Oracle, MongoDB, SQL
- **Front-end Technologies:** HTML5, CSS3, Bootstrap, Node.js
- **Web Technologies:** JSON, XML, Firebase
- **SCM, VCS & DevOps Tools:** Maven, Gradle, Git, PyCharm, Eclipse IDE, Microsoft Visual Studio
- **Operating Systems:** Windows, Linux, Unix

## Professional Experience

- **Graduate Teaching Assistant | UNC Charlotte | Charlotte** **January 2019- Present**
  - Working as a Graduate Teaching Assistant for Software Engineering Course.
  - Evaluating Programming Assignments and supervising the Projects and Examinations carried out in Class.
  - Technologies include Front-end such as **HTML5 | CSS3 | Ruby | Git | Java | Agile Methodology**
- **Project Intern | K-Soft Technologies | Pune, India** **September 2016 - March 2017**
  - Developed a complete web application which consisted of all the phases of SDLC like Requirement Gathering, Design Analysis, Development, Testing and Documentation. Worked with the Development Team pursued the Agile Methodology approach for the project.
  - Implemented user interface dynamically rendered forms using HTML, CSS and JavaScript directives to create a Login gateway for the Cloud Users and Providers.
  - **JavaScript | HTML5 | CSS3 | Java | SQL | Eclipse IDE**

## Academic Projects

- **Indian Curry-** Built a Restaurant Website considering the customer criteria. Website was built with HTML CSS Bootstrap for the Front-end. Made use of JavaScript and Node.js for the functionality and MongoDB for the Back-end database. **(HTML | CSS | Bootstrap | JavaScript | Node.js | MongoDB)**
- **Trip Planner** –Mobile app for planning a trip around the world. It included each city and each country with the nearby famous places to visit and was executed with the help of **Google Maps**. Moreover, implemented Authentication for managing multiple users. Also made use of **Firebase** to store the multiple trips **(Android)**
- **Cloud Arbiter-** Owned a complete Software Development with Cloud Computing project. Developed a Cloud Storage with a Software Development aspect the website included three parties, for managing, providing and accepting the data transferred. Also included AWS EC2 Instance as a cloud platform. AWS EC2 Instance was used to minimize the migration cost. Implemented Markov Decision Algorithm for an unbiased decision. **(Cloud Computing | Web Development | HTML5 | CSS | Algorithms & Data Structures | Java | MySQL)**
- **Real Estate Portal** - Developed a web- based real estate portal. By using Agile Methodology, we created a website for various users to login and look for the property the like in any city worldwide. Made use of **Google API Key** for locating maps in the application. **(Python | Django)**

## Extracurricular

- Published a paper named “An Innovative Approach for Competition and Assistance Among Cloud Providers”, at the “International Journal of Innovative Research in Advanced Engineering”. **November 2016**