

Education:**Master's in Computer Science**

ARIZONA STATE UNIVERSITY

Coursework: Human Computer Interaction, Foundation of Algorithms, Software Design, Cloud Computing, Data mining, Software project process and quality management

Expected graduation -MAY 2021**GPA: 4 / 4****B. Tech. in Computer Engineering**

INDUS UNIVERSITY, Ahmedabad

2015- 2019**CGPA: 9.14 / 10****Technical Skills:****Language/Technologies:** HTML, CSS, JavaScript, C, C++, C#, JAVA, Python, Node JS, PHP, AWS, GCP**Database:** SQL, MongoDB**Tools:** MS Visual Studio, MySQL, NetBeans, MS SQL Server, Cisco Packet Tracer, PyCharm, Git/GitHub**Framework/Libraries:** Bootstrap, .NET Framework, ASP, NumPy, Pandas, jQuery, Express, React**Professional Experience:****TM Systems Pvt. Ltd. (Intern)****June-Aug, 18**

- A leading IT company of Ahmedabad. Learned and worked on modules of the project that the company was working on by gaining experience in front-end designing using HTML, CSS and providing support to developers working on SQL.

Way to Web Pvt. Ltd. (Project Intern)**Jan-June, 19**

- Developed an E-commerce website in .NET. Worked in team of two on design, development and integration of the website using HTML, CSS, JavaScript, bootstrap, ASP.Net, SQL Server and API's. The website had full functionality of USER AND ADMIN SIDE. User side having a working shopping cart application and Admin side having an inventory and information management dashboard system.

Graduate Services Assistant (Grader)**Jan-Current,20**

- Responsible for helping in exam creation, grading exams, and assignments for course CSE 463: Human computer interaction at Arizona State University having around 300 students.

Projects:

- **Meal Detection** – Performed data mining tasks such as Feature Extraction, Classification, Clustering and Association Rule Mining on large data set of patients collected using continuous glucose monitoring sensors.
- **IaaS—Amazon Web Services:** Built an elastic and responsive application that utilizes cloud resources and IoT devices to achieve real time object detection on videos recorded by the devices. Developed this application using Amazon Web Services (AWS) and Raspberry Pi.
- **Helpout:** Made a cloud-based scalable web application to help people create and contribute to human service causes using Google Cloud Platform, Firebase, Cloud Firestore, Geocoding API, Google Maps API and Frontend technologies.
- **Airline-MaxFlow-** Implemented Ford-Fulkerson Algorithm to find the Maximum Flow of Passengers that could travel from Source to Destination using multiple airlines and intermediate airport stops on a specific day.
- **Midas Touch Tourism** – Created a website of a travel agency using HTML, CSS and PHP with the facility of getting inquiries from the clients.
- **Hostel Management System-** JAVA based application using Servlet, JSP and MySQL to manage accommodation and facilities of students from student and admin side.
- **YelpCamp** - A full-stack Node.js project to allow user to create, read, update, and delete campground information.
- **PicPuzzle** - A classic picture puzzle developed using SWING GUI in JAVA where a scattered picture should be arranged in correct order using your mouse.
- **To Do List Application** - Polished web responsive application to manipulate the tasks made using jQuery, HTML and CSS.
- **RGB Color Guessing Game** - RGB guessing game made with lot of DOM manipulation and event handling.
- **Beatbox** - Animation and sound kit made using animation libraries, graphics and audio libraries which has each key on keyboard corresponding to different tunes and animation on the screen. (Using paper.js and howler.js)

Certificates:

- Certificate on completion of a course '**Data Structure using C and C++**' by ITC (Information Technology Centre).
- Certificate on completion of a course '**Web Developer Bootcamp**' by Colt Steele through **Udemy**.
- Certificate on completion of a course '**Python Programming**' by ITC (Information Technology Centre).
- Certificate on completion of a course '**MS – SQL Server**' by ITC (Information Technology Centre).
- '**React – The complete guide**' by Maximilian Schwarzmüller through **Udemy** (Ongoing)