

My current goal is to gain in-depth knowledge and acquire a precise skillset to cast my spells in the field of Data Science and Analytics.

## EXPERIENCE

### Web Developer (Student Assistant)

University of Texas at Arlington-College of Science

March 2021 — Present

Arlington, TX

- Using Sitecore CMS and Cascade CMS to develop web pages for the College of Science website.
- Full stack development and complete management (content creator and publisher) of the website using HTML, CSS and JS.

### Web Development Intern

Shiftwave Technologies

May 2018 — June 2018

Vizag, India

- Created, Designed and managed Web pages using WordPress, HTML, JS, and MySQL. Modified content for multiple websites that were managed by the company.

## PROJECTS

### Continuous Care System using IoT

- The main aim of the project is to build a device that will be able to continuously check the vitals (heart rate, pulse rate, and temperature) of a person, collect that data, and send that data to an online server in a graphical representation.
- Attached a GPS module to the device to monitor the location of the patient, and if a vital is not right, the device will send an alert to a doctor. We can further use the data received from the device for analysis purposes.
- The target audience is the old aged people, and the objective is to reduce their cumbersome visits to the hospitals. During this project, I have learned how to program in Arduino and use various sensors such as LM35, ESP8266, Pulse sensor, and NEO 6M GPS module.

### Airline Management System

- Tata Consultancy Services has offered this project. It was a team project in which I was the team leader and the scrum master. We created a web application with multiple web pages using HTML and CSS, and a SQL database using myPHPadmin.
- The objective was to build a web application that manages ticket booking, seat selection, and boarding pass of the passenger. In this project, I also learned how to create barcodes: which we used for the boarding passes.

### Self-Learning Neural Network

- Developed a simple multi-layer and self-learning neural network from scratch without using Neural Networks library. Done this by using the Back Propagation algorithm and the Numpy library in python.

### Automated Student Out Pass Management

- Used SQL, HTML, and CSS, to build an application that manages, approves, and records the entry and exit of every hosteller in my university.

## EDUCATION

M.S. Computer Science, University of Texas at Arlington, GPA: 4.00/4.00

January 2021 — Present

- Data Analysis and Modelling Techniques; Design and Analysis of Algorithms; Software Engineering- Management, Maintenance, and Quality Assurance; Data Mining; Neural Networks; Machine Learning

B.Tech. Computer Science, Amrita School of Engineering, GPA: 6.9999/10.00

JUNE 2015 — JULY 2019

## TECHNICAL SKILLS

### Technologies and Programming Languages

- Java, Python, C, MySQL, HTML, CSS, JavaScript, Visual Studio, Arduino, Adobe Photoshop, Adobe Premier Pro, Adobe Lightroom, MS Office.

### Project Management

- Agile, Scrum, MS Project