AKSHAY AJAY SHENVI

+1 (682) 560-8825 |akshayshenvi@gmail.com

LinkedIn-www.linkedin.com/in/akshay-shenvi **| Github-** https://github.com/AkshayShenvi
Website-https://akshayshenvi.github.io/personal-website/

A meticulous, detail oriented Full Stack Software Engineer, excellent at juggling multiple tasks & working under pressure. A result oriented creative thinker with the ability to learn new technologies & concepts quickly. I am looking to work with an organization where I can learn & grow professionally, to seek mutual benefit, in the fields of Artificial Intelligence, Data Science & Analytics & end-to-end Software Development.

Work Experience & Projects

- **Navdurga Fracture & Accident Center** **Full Stack Developer** Dec 2016 – June 2017
  Planned, Designed, Developed & Deployed a Hospital Management System,
  Brought down average consultation time by 40%,
  Reduced the average Patient waiting time by 50% &
  Increased annual consultation revenue by 10%.
  Used C# & Visual Studio, with a MySQL Data storage backend

- **Chatbot using NLP:** Feb 2019- March 2019
  Designed, built, trained & tested the Seq2Seq model by implementing a chatbot with data from movie dialogs. Pre-Processed the data, built the Seq2Seq model using TensorFlow (RNN) libraries, trained the seq2seq model by changing the hyperparameters.

- **Pet Store Website**: Aug 2018 – Dec 2018
  A complete front-end & back-end website with Client & service forms connected to a database stored on the cloud. For building the front-end I used Html5, CSS3 & Bootstrap & Node.js as a package manager, JavaScript & Php for server side & MySQL as the database.

- **Social Media Sentiment Analysis Using Hadoop**: Sept 2015- May 2016
  Designing & Building a system where live twitter feed can be segregated as positive, negative & neutral feed. I used Apache Flume for data ingestion & Hive as query interface to query out data from HDFS.

- **Smart-brain Website**: Sept 2015- May 2016
  Created & developed a website with a database online storing login credentials using Noje.js & React for front-end, PostgreSQL as the database. Used a Face Detection API for detecting the faces in Images.

- **Content-Based Recommender System:** (Ongoing)
  Created a (movie) recommender system which will compute pairwise similarity scores for all movies based on their plot descriptions and recommend movies based on their TF-IDF and cosine similarity score.

Technical Skills

- **Programming and Scripting Languages:** Python, Java, C#, C++, JavaScript, Node.js, React.js, HTML, CSS, Flask
- **Database:** SQL, MySQL, NoSQL
- **Cloud:** IBM Bluemix, Azure, AWS, Google Cloud Platform, Spark, Hadoop
- **Algorithms:** Logistic Regression, K-NN, SVM, Naïve Bayes, Linear, Decision Tree, Random Forest, K-means, Hierarchical, CNN, RNN

Education

The University of Texas At Arlington (CGPA of 3.67**)** Aug 2018 - May 2020

Master's in computer science: Majoring in Intelligent Systems & Databases

Coursework: Artificial intelligence, Web Data Management, Big Data Analytics using Hadoop, Data Mining, Cloud Computing, NoSQL

University of Mumbai (First Class) Aug 2012 – June 2016

Bachelor of Computer Engineering

Coursework: Artificial Intelligence, Microprocessors, Human Machine Interaction, Soft Computing, Machine Learning