

Shail Shah

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Santa Clara - CA

EDUCATION DETAILS

- M.S in Computer Science & Engineering**, Santa Clara University, **GPA: 3.6/4** *Sep'17 - Jun'19 (expected)*
- Pattern Recognition and Data Mining, Natural Language Processing, Advanced Database Systems.
- B.Tech in Computer Engineering**, Dharmsinh Desai University, **GPA: 7.56/10** *Jul'12 - May'16*
- Data Structures and Algorithms, Web Programming, Artificial Intelligence, Knowledge Discovery, Theory of Computation, Database Systems, Object Oriented Programming, Software Engineering.

SKILLS

Java Python Docker NodeJs AngularJS GraphQL Oracle SQL PostgreSQL Shell Script Spring MVC
JSP Servlets Hibernate HTML CSS JavaScript JQuery AJAX Hadoop Mapreduce Hive
Elastic Search Kibana Linux Latex Git Team Player Leadership Quick Learner Hardworking

WORK EXPERIENCE

- Software Developer Intern | Kloudio Inc, San Jose** *Sept'18 - Ongoing*
- Adding features to the product using **NodeJS** and **AngularJS**
 - Building services to add more features to the product.
 - Developed enterprise version of the product.
- Software Developer Intern | Expedia Group, San Francisco** *Jun'18 - Sept'18*
- Delivered tech talk on GraphQL and it's findings over the course of my internship Expedia vide.*
- Worked on solving problem of overfetching and underfetching data.
 - Implemented a solution for My Accounts Summary to solve the problem via GraphQL.
 - Increased site speed by 50% and data savings ranged from 50-99%.
 - Dockerized the project and hosted on AWS.
 - Used GraphQL, Java, Oracle, Mongo, Maven, Jenkins, Spring, REST.
 - Delivered Tech Talk company vide on the findings of GraphQL over the course of my internship.
- Software Engineer (R&D) | Infosys Ltd., Bangalore** *Jan'16 - Aug'17*
- Awarded as Mana Champ for Outstanding Performance and Valuable Contribution during FY17 in Infosys Ltd.*
- Worked as a part of the Expert Services Team that offers Discovery and Automation of business, IT processes to the clients through the home grown **Artificial Intelligence** platform – **Infosys Nia**
 - Automated manual jobs for an Esteemed **Fortune 50** client of Infosys increasing their efficiency by 70% and reducing cost by 80% using **Nia, Java and Shell Scripts**
 - Lead and Drove** the development of **APIs** for interacting with various third party applications that are involved in the automation processes using **Elastic Search, Spark, Kafka, Hadoop, Hive, PostgreSQL.**

INDEPENDENT PROJECTS

Evaluating Trustworthiness of Text

Aimed at identifying the confidence of trustworthiness of text

- Created separate module to identify satire and stance in a text.
- Used dataset from Fake News Challenge, NY Times, The Onion and social media posts.
- Achieved accuracy of over 80% in indentifying fake news
- Built using **Python-3.5, Tensorflow 1.5, Anaconda, Spyder**

Personality Based Recommender System

A next gen recommender system to find a perfect match

- Used Twitter Dataset to generate personality of a user.
- Trained SVM with 82% accuracy and used LSTM and Cosine similarity to find the perfect match
- Built using **Python 3.6, Scikit, Scipy stack, Jupyter Notebook**

Asynchronous Chatbot

A chatbot that acts like a normal human interaction

- Used seq2seq model to train the dataset using Recurrent Neural Network.
- Getting content based similarity for the movies from the keywords extracted from the plot of the movies.
- Built using **Python-3.5, Tensorflow 1.0, Anaconda, Spyder**

RecSysJava - Movie Recommender System

Application recommends movies to the user those are similar and most likely to be watched based on the input movie

- Used topic modelling techniques to find the topic distribution and KL Divergence to compute the similarity.
- Used Cornell movie corpus as a dataset to train the bot.
- Built using **JSP, Servlet, JS, JQuery, Lucene, MySQL**