ANUJ SHAH

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EDUCATION

IIIT-Bangalore *July 2018 - Present*
M.Tech CSE CGPA : 3.75 / 4

Mukesh Patel School of Technology,Management and Engineering *July 2014 - May 2018*
B.Tech, Computer Engineering. CGPA : 3.6 / 4

WORK EXPERIENCE

Microsoft India Development Centre *May 2019 - July 2019*
SWE Intern
Worked on improving the extensibility of Visio Online to empower third party developers to build their solutions using Visio Online.Worked on demonstrating the ease of writing custom solutions using Visio Online by developing a timeline solution that uses task data from Azure DevOps and displays it in a timeline.

Version Next India Pvt Ltd *June 2016 - July 2016*
Android Developer Intern
Worked on developing the customer side of a taxi aggregation app allowing users to book rides, get fare estimates, view routes and view their ride history. Was responsible for designing and developing the complete stack including database schema, front end and back end.

PUBLICATIONS

Shreekantha Nadig, Sumit Chakraborty, Anuj Shah, Chaitanay Sharma, V. Ramasubramanian, Sachit Rao, "Jointly learning to align and transcribe using attention-based alignment and uncertainty-to-weigh losses," 2020 International Conference on Signal Processing and Communications (SPCOM), Bangalore, India, 2020

M.TECH THESIS

End-to-End Multilingual ASR
Developed an end-to-end language independent system capable of recognizing multiple languages using ESPNet. This replaces the need for multiple language dependent systems. This is particularly useful for low resource languages as they can benefit from the acoustic data of high resource languages. Such a multilingual architecture is capable of decoding code mixed speech, which is a phenomenon where a speaker uses multiple languages in a sentence.

TECHNICAL SKILLS

Languages Java, Python, C++, JavaScript
Frameworks Spring Boot, Angular 4, React, Bootstrap, PyTorch, ESPNet

SELECTED PROJECTS

Grievance Redressal System
Developed a grievance redressal portal for college as part of Software Production Engineering course. Students are able to file complaints across different domains. The website also has an admin section where admins can review complaints according to their domain and resolve them. The application follows an MVC pattern. The REST API for this application was developed using Spring Boot and the front end was developed using Angular 4.

Track It
An Android application to track attendance and daily tasks. Allows users to enter their timetable and track their attendance subject wise. Also allows provides a way to manage tasks. It uses the inbuilt SQLite database of android to store user's timetable,attendance and task data.

Rossman Store Sales
An in-class Kaggle competition where we had to predict the future sales of Rossman stores across Europe given previous sales data. Learnt about all concepts in the ML pipeline from data pre-processing, exploratory data analysis(EDA),feature engineering, model building and model evaluation . All models were developed using scikit-learn library. Achieved 2nd place on the leaderboard of this competition.

ACHIEVEMENTS

- Secured an All India Rank of 628 in GATE CSE 2018.
- Part of the Dean's Merit List for academic excellence at IIIT Bangalore.
- Teaching Assistant for the course Machine Learning 2019 at IIIT Bangalore.
- Volunteered at IIIT Bangalore's annual Sports Fest Spandan.