

ANUJ SHAH

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EDUCATION

IIIT-Bangalore
M.Tech CSE

July 2018 - Present
CGPA : 3.75 / 4

Mukesh Patel School of Technology, Management and Engineering
B.Tech, Computer Engineering.

July 2014 - May 2018
CGPA : 3.6 / 4

WORK EXPERIENCE

Microsoft India Development Centre
SWE Intern

May 2019 - July 2019

- Worked on improving the extensibility of Visio Online by designing and implementing APIs for Visio Online
- Using the implemented APIs, developed a Timeline AddIn that uses task data from Azure DevOps and displays it in a timeline diagram on the Visio canvas
- The work done during this internship enhanced Visio's API set empowering third parties to develop custom solutions using Visio Online

Version Next India Pvt Ltd
Android Developer Intern

June 2016 - July 2016

- Developed 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-weight 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 performing multi-lingual ASR. This architecture was developed using the ESPNet framework
- Such a language independent architecture performs better than language dependent architectures
- This system is also capable of recognizing code-switched speech, which is a phenomenon in which speakers naturally switch languages in their speech.

TECHNICAL SKILLS

Languages	Java, Python, C++
Frameworks	Spring Boot, Angular 4, ESPNet
Libraries	React, PyTorch, Bootstrap
Other	MySQL, Machine Learning, Deep Learning, Speech Recognition

SELECTED PROJECTS

Grievance Redressal System

- Developed a grievance redressal portal for college as part of SPE course. Students can file complaints across domains and admins can resolve them
- The application follows an MVC pattern.
- Used Spring Boot to develop the REST API and Angular 4 for the front end.

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.
- Familiarized myself with basic principles of Android app development

Rossmann Store Sales

- An in-class Kaggle competition where we had to predict the future sales of Rossmann stores across
- Learnt about the complete ML pipeline from data pre-processing, exploratory data analysis(EDA), feature engineering, model building and model evaluation. Used pandas, matplotlib and scikit-learn to implement this pipeline
- 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.