

ANUJ SHAH

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EDUCATION

IIIT-Bangalore

M.Tech CSE

2018 - 2020

CGPA : 3.75 / 4

Mukesh Patel School of Technology, Management and Engineering

B.Tech, Computer Engineering.

July 2014 - May 2018

CGPA : 3.6 / 4

SKILLS

REST API Development, Object-Oriented Design, Agile, TDD, C#, .NET Framework, .NET Core, Java, Spring Boot, Android Development, Deep Learning, Machine Learning, Automatic Speech Recognition, Python

WORK EXPERIENCE

Microsoft

Software Engineer (To Do back-end team)

August 2020-Present

- Worked on developing Graph REST APIs for Microsoft To Do. These APIs empower developers to build experiences for their customers using the capabilities provided by Microsoft To Do.
- Worked on migrating the back-end service from an old/deprecated .NET framework based SDK to a newer .NET core based SDK. I was the end-to-end owner of the telemetry and instrumentation horizontal for the service right from design and development to testing. Actively participated in various aspects of the project like design, deployment, release planning, testing
- Single-handedly on-boarded our service to a new test environment. This new test environment is faster, more robust and closer to the actual production environment. This resulted in an improved developer experience, greater agility and more confidence in testing
- Mentored other newer team members to help them on board to the company as well as understand the engineering processes of our team.

Microsoft

SWE Intern

May 2019 - July 2019

- Designed and implemented edit APIs for Visio online. This resulted in a significant enhancement in Visio's extensibility as earlier only read APIs were available to developers.
- To demonstrate the functionality of this enhanced API set, I developed a Timeline AddIn that uses data from Azure DevOps and displays it in a timeline diagram on the Visio canvas

Version Next India Pvt Ltd

Android Developer Intern

June 2016 - July 2016

- End-to-End owner of developing the customer side of a taxi aggregation app allowing users to book rides, get fare estimates, view ride history, etc. Designed and developed the entire stack including the front end android app, the PHP based back-end APIs and the database schema.

RESEARCH EXPERIENCE

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

Thesis

- Using the ESPNet framework developed a deep learning based multilingual ASR(automatic speech recognition) system. This hybrid CTC-attention based system is able to achieve results comparable or better than it's language dependent counterparts. Additionally, this system is able to also decode code-mixed speech despite seeing no code-mixed data during it's training process.

OTHER 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

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.