

Adarsh Shetty

Software Engineer at Tismo Technology Solutions.

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EXPERIENCE

Tismo, Bangalore — Software Engineer

SEPTEMBER 2021 - PRESENT

- Worked on ASP.NET web application that connected medical professionals to laser service professionals through instant video calls.
- Medical professionals could schedule calls instantly using vonage apis.
- Worked with signalR for sending real-time notifications to service individuals.
- Worked on resolving daylight savings time scheduling issues. (During daylight savings time in Europe, service members were having scheduled meetings at the wrong time).
- Deployed the application on docker containers. Working extensively with docker. Using docker compose to deploy the ASP.NET application and mongodb database.
- Used AWS EC2 instances to deploy the containers in staging and production environments.
- Also worked on a legacy .NET application upgrading the technology from .NET 3.0 to .NET 6.0 and upgraded the libraries of the Angular frontend.

Tismo, Bangalore — Trainee Engineer

AUGUST 2021 - SEPTEMBER 2021

- Developed an Android application to program devices using NFC hardware.
- The application stored sets of prebuilt functions that could be programmed into specific devices.
- Used Android canvas apis to plot graphs that would be displayed to the user.
- Also developed an Android application that used Bluetooth Low energy to communicate with a water purification device.
- This application was used by service professionals to perform tasks such as sanitization and calibration.
- Used database storage solutions such as sqllite to store offline data for the application.
- Worked with both view based and jetpack compose to create modern UI in applications.

SKILLS

Worked extensively with C# and the .NET framework

Web development using frameworks such as ASP.NET, and Angular.

Android application development with Java and Kotlin.

SOCIAL SKILLS & COMPETENCIES

Visit my portfolio page for more details:

<https://add-787.github.io/portfolio/>

LANGUAGES

English, Hindi, Kannada

PROJECTS & INTERNSHIPS

Awktion — Project

2022

Currently working on a real time web application that will allow users to play auctions with their friends by joining open rooms and bidding on their favorite players. Link:

<https://github.com/Add-787/Awktion>

Real time Spam detection and sentiment analysis on Twitter data — Project

2020

Worked with twitter apis to generate a dataset that was used to perform analysis using various ML models and the accuracies of each model was graphed.

Dlithe, Bangalore — Intern

JUNE 2020 - AUGUST 2020

Ran various models for real estate loan prediction. Used python libraries such as pandas, matplotlib and seaborn for data analysis. Link:

https://github.com/Add-787/loanpred_ML/blob/master/loan_pred_project.ipynb

Percolation Problem — Project

2019

Solved the percolation problem given in the course Algorithms, Part I in Coursera using the union-find algorithm.

Music Curation Website — Project

2019

Using javascript, bootstrap frameworks and php, created a website that had a unique interface to play music of various genres.

Student Attendance Management System — Project

2018

Created an attendance management system, to collect attendance from various courses in an institution.

EDUCATION

NMAM Institute of Technology, Nitte — B.E

2017 - 2021

Board: VTU (autonomous)

Overall CGPA: 8.75

Expert P.U College, Mangalore — 12th

2015 - 2017

Board: State, Overall %: 92.3

Lourdes Central School, Mangalore — 10th

- 2015

Board: C.B.S.E, Overall %: 95