Rohan Bojja

Developer

Contact

Email
rohanbojja@outlook.com

Phone
+91 (903) 021-9986

Website
http://rohanbojja.com

About

Self-proclaimed software developer and machine learning engineer with lots of enthusiasm and a moderate amount of experience in both the fields.

Profiles

SoundCloud
rohanbojja

Github
rohanbojja

StackOverflow
rohanbojja

LinkedIn
rohanbojja

Portfolio
Updated portfolio.

Work

UrbanRider   2019-06-26 — 2020-02-21

Lead Software Developer   http://urbanrider.in

UrbanRider is an early-stage startup in Hyderabad, that deals with road-side assistance.

Highlights

- Built two Android application written in Kotlin for the company.
- Utilized Firebase mBaaS for building the platform.
- Build an algorithm to find nearby service providers for connecting the users.
- Maintained their GIT repo.
- Worked on a web interface for admin/moderator panel. (Cloud functions in TS/JS)

Volunteer

IIIT-S Coding Club
2016-07-23 — 2016-07-23

Mentor
http://www.iiits.ac.in

A coding club for our college freshers.

Transter
2020-03-11 —

Co-founder
https://github.com/rohanbojja/transter-android-user

Road-side assistance for everyone. [WIP]

Highlights

- Two mobile applications written in Kotlin(In the process of porting to Xamarin).
- A moderator/admin web panel.(WIP, working with Blazor)

Education

MVSR Engineering College, Hyderabad.
2017-01-01 — 2020-01-01

🎓 **Computer Science**
Bachelor of Engineering

Indian Institute of Information Technology, Sri City.
2015-01-01 — 2017-01-01

🎓 **Computer Science**
Bachelor of Technology

Publications

Rubik's Cube Solver
2017-03-07

Published by **Github**
View publication

A robot designed to solve the Rubik's cube efficiently. Raspberry Pi 2 was used to run Python scripts which would take the state of the cube, compute the shortest path, and turns the servo motors which hold the Rubik's cube in place, to solve the cube.

Audient
2019-10-23

Published by **Github**
View publication

Music genre classification using machine learning. Azure function to analyse features and send prediction result. A WPF application to extract audio features from a music library for further processing. A ML.NET pipeline for pre-

processing and normalizing the data. A Xamarin Forms and a Blazor web application for end-user consumption. Written entirely in C#.

Virtual-OS   2016-10-30

Published by **Github**   View publication

A .NET desktop platform that mimics the look and feel of a classic desktop operating systems such as Microsoft Windows, Mac OS X or KDE. Written in C# for my semester project.

Transport Management System   2018-10-30

Published by **Github**   View publication

A transportation management system that gives the real time location of the buses and their paths. A web service (web2py) and an Android application(written in Java).

Skills

Web Development

- Blazor
- HTML5
- CSS
- Javascript

Python

- Keras/TF
- Numpy
- Scikit-learn
- Pandas
- Matplotlib
- .NET Core
- Web2py/Flask
- General-purpose scripting

Julia

- Building ML pipelines
- Data pre-processing
- Flux.ml
- MLJ
- XGBoost
- Plots.jl
- Gadfly

Firebase

- Firestore
- Real-time Database
- Firebase Storage

- Firebase Auth

Kotlin/Java

- Android application development
- General-purpose programming

C#

- Xamarin
- Azure Functions
- WPF applications
- General-purpose programming
- Data science
- Machine learning using ML.NET
- MVVM architecture

Languages

English
Native speaker

Telugu
Somwhat of a native speaker

Hindi
Not super fluent.

Interests

Music production and composition

- Electronica
- Progressive music
- Dance
- Ambient
- Bootlegs/remixes

Computer science stuff

- HackerRank
- CodeChef
- Kaggle

Outdoor stuff

- Badminton
- Soccer