Rohan Bojja

Developer

About

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StackOverflow

Updated portfolio.

Web Development

Blazor HTML5 CSS

Javascript

Python

Keras/TF Numpy

Scikit-learn Pandas

Matplotlib

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

Summary

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

Experience

UrbanRider
06/2019 - 02/2020

Lead Software Developer

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

- 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)

Education

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

Bachelor of Engineering Computer Science

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

Bachelor of Technology Computer Science

Volunteer

IIIT-S Coding Club · http://www.iiits.ac.in
07/2016 - 07/2016

Mentor

A coding club for our college freshers.

Transter · https://github.com/rohanbojja/transter-android-user
03/2020 - Present

Co-founder

Road-side assistance for everyone. [WIP]

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

Publications

Rubik's Cube Solver
03/2017

Github

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
10/2019

Github

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
10/2016

Github

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

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   *10/2018*
Github

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).