

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 .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

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 (*Somewhat 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).