

# Harsha Vardhan Koneru

## Senior Software Developer

Well-qualified Full Stack Developer familiar with a wide range of programming utilities and languages. Knowledgeable of backend and frontend development requirements. Able to handle any part of the process with ease. Collaborative team player with excellent technical abilities offering 2 years of software experience.

### Work History

<b>2020-08 -</b> <b>Current</b>	<b>Senior Software Engineer</b> <i>ValueLabs</i>
<b>2019-05 -</b> <b>2020-07</b>	<b>Software Engineer</b> <i>ValueLabs</i>
<b>2019-01 -</b> <b>2019-03</b>	<b>Software Intern</b> <i>ValueLabs</i>
<b>2018-04 -</b> <b>2018-06</b>	<b>Software Intern</b> <i>National Remote Sensing Center</i>

### Projects

#### 1. Neiman Marcus

Developed Assistance and Store pages for Neiman Marcus and Bergdorf Goodman.

**Role:** Front-End Developer

**Technology Stack:** React

**My Contributions:**

- Migrated the ATG pages to React Pages.
- Written Next.js scripts for server-side rendering

#### 2. Mednax

Analytics dashboard. Portal, where users upload their data sheets at any time, those gets processed by analytics engine and finally stored into analytics data base. Later users open their dashboards to see visualizations, and insights.

**Role:** Full Stack Developer

**Technology Stack:** Angular 8, Node JS, Azure Cloud Platform, tableau

### Contact

#### Address

Hyderabad, Telangana,  
500081

#### Phone

+91 817-975-3036

#### E-mail

koneru.harsha98@gmail.com

### Skills

Software Development



Development Lifecycles



Analytics



Database Programming



Algorithm Implementation



### Education

2015-08 - 2019-07

**Bachelor of Technology:  
Computer Science and  
Engineering**

*V R Siddhartha Engineering  
College*

- Graduated with 9.39 GPA

### My Contributions:

- Web Portal – Designed and developed portal, where users can login, upload and view their dashboards.
- Okta – Configured identity provider to portal, where users can login from different sources.
- Tableau – Developed scripts and integrated visualizations to portal.
- Web Services – Developed Rest API to read data from analytics database.
- Microsoft Azure – Used Azure Blob Storage, Azure MSSQL Server, Azure Functions and Azure Virtual Machines'
- Docker – Wrote Scripts to Software installations and deployments.

### 3. Group O

Developed plugin to Testing Framework, this plugin helpful to Azure continuous Server to monitor execution process and get results back to project management tool.

**Role:** Plugin Developer

**Technology Stack:** Node JS, Azure Cloud Platform, Java

#### My Contributions:

- Written Node JS Rest Client to update status to Project management tool.
- Written tool to read logs in node js

### 4. Shaw Systems

Floor Plan Web APP – Inspection tool, here vehicles get inspected by collecting vehicle current status information. This process will go various steps in workflow process.

**Role:** Full Stack Developer

**Technology Stack:** Node JS, Angular, Express JS, MSSQL DB, MongoDB

#### My Contributions:

- Web Portal development.
- Rest API Development

### 5. Apiture

Developer portal to host open banking APIs and make them available to public users for usage. Users come, try, and later subscribe them for their application integrations.

**Role:** Full Stack Developer

**Technology Stack:** NodeJS, TypeScript, OpenAPI, Jasmine JS, Karma JS

#### My Contributions:

- Written OPEN API Specifications to define APIs.
- Developed test framework to test Developed APIs.

## Publications

---

### Invariant Feature based Darknet Architecture for Moving Object classification

Jul 10, 2020

IEEE Sensors Journal

<https://ieeexplore.ieee.org/document/9138434/>

## Certifications

---

2017-08

### Python for Everybody Specialization

University of Michigan,  
Coursera

2017-09

### Introduction to R for Data Science

Microsoft, edX

2018-02

### Programming with R for Data Science

Microsoft, edX

2018-06

### Oracle 12c SQL

ORACLE Certification Program

## 6. Invariant Feature based Darknet Architecture for Moving Object classification

**Role:** Developer

**Technology Stack:** Python

Invariant feature concept is added to the existing Darknet Architecture of You Only Look Once (YOLO) and is combined with Faster R-CNN to count the number of vehicles with different spatial locations.

## 7. Predicting price based on Car specifications

**Role:** Developer

**Technology Stack:** R

Car price prediction using Multiple Linear Regression.

## 8. Predicting People's Wellbeing

**Role:** Developer

**Technology Stack:** R

Predicted people's wellbeing based on several socio-economic factors using Naive Bayes Algorithm.

## 9. Predicting Smoking Habits in Unknown Locations

**Role:** Developer

**Technology Stack:** R

Used k-NN model to predict smoking habits. Plotted degree of Ill-health using qmap.

## 10. Predicting Academic intention to use Wikipedia

**Role:** Developer

**Technology Stack:** R

Academic Intention for Wikipedia Prediction using Naive Bayes Classifier.

---