

Vraj Kotwala

 vrajkotwala.com  github.com/iamkotwala
 hey@vrajkotwala.com  linkedin.com/in/iamkotwala
 Vadodara, GJ, India 390011



Education

August 2020 | **Maharaja Sayajirao University of Baroda, India**
June 2017 | Bachelor of Computer Applications (Hons.) | CGPA 8.1/10
Activities & Societies: Cyberia - Technical Team Member

April 2017 | **Bhartiya Vidya Bhavans, Vadodara, India**
June 2015 | High School

Experience

January 2020 | **Rishabh Software | RISE, Vadodara, India**
June 2020 | Software Developer Intern (ML, Data Analysis) | Advisors: Dr. Falguni Ranadive, Gagan Dubey
Developed an Emotion Recognition system with Convolutional Neural Networks using Tensorflow 2 and OpenCV.

Selected Projects

Emotion Recognition System with Convolution Neural Network Jan '20 - June '20
Built with Python 3 with **RISE** | MSU - Department of Computer Applications
> Detects human emotions in real time. Uses OpenCV-python, Tensorflow.
> Trained on FER-2013 dataset.

Attendance System Report Generation July '19 - Jan '20
Built with Java under **Krishnanand Rastogi** | MSU | Department of Computer Applications
> Reports on Lab-Attendance of the students of CA department, MSU
> Made with Java Servlets
> Got recognition for the same.

Biometric Attendance System on RaspberryPi July '19 - Jan '20
Built with Python 2 under **Krishnanand Rastogi** | MSU | Department of Computer Applications
> Fingerprint Attendance Management System
> Made with Python2 and RaspberryPi Zero
> Got recognition for the same.

Certifications & Auxiliary Education (MOOCs)

The Data Science Course 2020 - Udemy March '20
Complete Data Science Training: Mathematics, Statistics, Python, Advanced Statistics in Python, Machine and Deep Learning.
UC-b2bbd80b-4a22-4fdc-bb7f-86d47fcd9af

Raspberry Pi Full Stack - Udemy June '20
A whirlwind tour of full-stack web application development on the Raspberry Pi
UC-0ef19241-ad51-44e3-b6df-982cee035146

Skills & Competencies

Languages	Python, Java, SQL, JS, C++
Frameworks	OpenCV, Tensorflow2, Tkinter, Server-side Servlet webAPI
Technologies	Git, AWS, MySQL, Tableau
Operating Systems	Ubuntu, macOS, Windows
Spoken Languages	English, Hindi, Gujarati

Other Skills & Industry Knowledge

Project Management, Agile Project Management, Soft Skills, Presentation Skills, Storytelling, Problem Solving, Analytical Reasoning

Relevant Coursework

Data Structures, SQL, Object Oriented Programming (OOP), Computerized Accounting, Fundamentals of Management, Operating Systems, DBMS, Computer Networks, Computer Hardware, Unix & Shell Scripting, Business Modelling, Cyber Law, Software Engineering, Artificial Intelligence, Discrete Mathematics, Statistical Data Analysis, Business Intelligence, Machine Learning, Inferential Statistics, Deep Learning.

Honours and Awards

Project Completion - Bio metric Attendance for CA dept., MSU

Made a fingerprint attendance system as a 5th-semester project @MSU-Baroda.
Deployed the device in CA Lab. Got Recognition for Completing the Project.

Jan '20

Statement of Originality | MSU

Made a fingerprint attendance system as a 5th-semester project @MSU-Baroda.
Deployed the device in CA Lab. Got Recognition for Originality.

Jan '20

References

Meghna Desai
Assistant Professor
The Maharaja Sayajirao University,
Baroda
meghna4u@yahoo.com

Krishnanand Rastogi
Assistant Professor
The Maharaja Sayajirao University,
Baroda
Krishrastogi3@gmail.com

Kshitij Tripathi
Assistant Professor
The Maharaja Sayajirao University,
Baroda
tripathihorizon@gmail.com



Click or scan the QR code
to learn more on linkedin