

# Ishwar Sawale

FULL-STACK DEVELOPER · MACHINE LEARNING RESEARCHER

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## Summary

Current Software Engineer at Coriolis Technologies 1.8+ years experience in software development. Full-stack developer with machine learning & computer vision skills. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

## Education

### Diploma in Big Data Analytics

Pune, India

CDAC-ACTS PUNE

Aug 2015 - Feb. 2016

- Achieved grade A with 70.00%

### BE in E&TC

Pune, India

UNIVERSITY OF PUNE

Aug. 2011 - May. 2014

- Achieved Distinction with 69.33%

### Diploma in E&C

Mumbai, India

MSBTE, MUMBAI

May. 2008 - Aug. 2011

- Achieved Distinction with 85.38%

## Work Experience

### Coriolis Technologies Pvt Ltd

Pune, India

MEMBER OF TECHNICAL STAFF

Mar. 2016 - PRESENT

- Developed License Plate Recognition System using Machine Learning, Python & OpenCv
- Developed SOAP-client in C language
- Implemented Face Recognition using Machine Learning, Python & OpenCv
- Implemented REST API's in Ruby On Rails
- Implemented AWS EC2 cli automation using bash script
- Developed REST API client in Go language
- Puppet configuration manager orchestration using rails

## Projects

### Cancer Analysis

Pune, India

CDAC-ACTS PUNE

Dec. 2015 - Feb. 2016

- R, Python, Hadoop, Pig
- Predict Survival rate

### Reconfigurable Keyboard

Pune, India

UNIVERSITY OF PUNE

Aug. 2013 - May. 2014

- Java, Embedded C
- Touch Screen based Keyboard which changes its layout according to requirement

### Real Time Face Recognition

Pune, India

OPEN SOURCE CONTRIBUTION

Sept 2017

- Python, Deep Learning
- Face recognition in real time

### Indian Festival Recognition App

Pune, India

OPEN SOURCE CONTRIBUTION

Aug 2017

- Python, CNN, Android
- Multiclass Image Classification on Android phone

### Handwritten digits classification

Pune, India

OPEN SOURCE CONTRIBUTION

July 2017

- Python, CNN, Android
- Handwritten digits classification on Android with TensorFlow and Keras

## Skills & Courses

**Tools** Git, LaTeX

**Stacks** MongoDB, MySQL

**Languages** C, Python, Java, Go, R

**Frameworks** Ruby On Rails

**Web Technologies** HTML

**Machine Learning** Tensorflow, Keras, Pytorch, OpenAI

### Courses

- Neural Networks and Deep Learning by deeplearning.ai on Coursera
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization by deeplearning.ai on Coursera
- Structuring Machine Learning Projects by deeplearning.ai on Coursera
- Artificial Intelligence A-Z Learn How To Build An AI on Udemy
- Deep Learning A-Z Hands-On Artificial Neural Networks on Udemy
- Practical Deep Learning with PyTorch on Udemy
- Machine Learning A-Z Hands-On Python & R In Data Science on Udemy
- The Complete Android Kotlin Developer Course on Udemy
- The Complete Ruby on Rails Developer Course on Udemy
- Swift 4 Language, A Complete Overview With IOS 11 CoreML App Course on Udemy