# Rahul R K ⭐ Featured
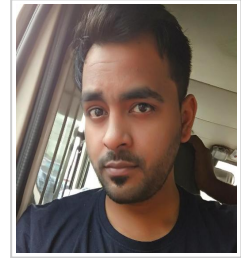
Machine Learning Developer seeking roles in Machine Learning,Deep Learning,Neural Networks,Cyber Security,Malware Analysis,Network Security,Data Science,Image Processing,Pattern Recognition,Python,SQL,Matlab,Git,Github,OpenCV-Python

| | |
|---|---|
| Current Designation: Machine Learning Developer | Total Experience: 4 Year(s) 4 Month(s) |
| Current Company: Access Healthcare | Notice Period: 2 Months |
| Current Location: Chennai | Highest Degree: M.Tech [Computers] |

Pref. Location: Bengaluru / Bangalore,Cochin,Chennai

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Married

Key Skills: Machine Learning Developer,Software Developer,Machine Learning,Deep Learning,Neural Networks,Cyber Security,Malware Analysis,Network Security,Data Science,Image Processing,Pattern Recognition,Python,SQL,Matlab,Git,Github,OpenCV-Python

Verified :    Phone Number |    Email - id

Last Active: 19-Jan-21    Last Modified: 19-Jan-21

# Summary

Result-oriented Professional with over 4 years of experience in Machine Learning,Deep Learning,Neural Networks,Cyber Security,Malware Analysis,Network Security,Data Science,Image Processing,Pattern Recognition,Python,SQL,Matlab,Git,Github,OpenCV-Python.

# Work Experience

**Access Healthcare** as Machine Learning Developer
Sep 2017 to Till Date

Currently working in the field of Work force Automation for Healthcare Revenue Cycle Management Process

Document (image) classification/extraction/OCR
Developed and deployed a system to classify Healthcare Insurance based documents (complex EOB, Correspondence letters, invoices ) using ML, where the data set is unorganized, biased and extremely random
Good exposure in working with Microsoft for deploying and executing their latest Document extraction service, Form Recognizer

Call Centre Analytics
Detect hold time, calling time and other entities from audio files and there by improve the employees productivity using ML and the basics of signal/image processing
Created and deployed ML models for classifying the type of process (for eg, Voice or Non Voice) which a claim should go through by analyzing historical features for multiple clients
Created multiple models for the purpose of optimizing the claims that should be processed by each team in order to reduce the backlog pile of unprocessed claims
Worked on a system that uses time series forecasting to predict hourly targets for employees (vector auto regression, Facebook Prophet)
Created a ML model to predict the error probability in a processed claim using

relevant metadata.

Automation solutions for HR
Developed a semi-automated chat bot for interacting with employees
regarding their reward queries which was built using machine learning and SQL
Automatic cropping of ID images by identifying the faces and reorienting it with
respect to the size and position of person using Open CV - Python
Attendance Monitoring using Face detection for home pod employees which
ensures the productivity through out the day
Implemented an automated system to extract relevant details from a Resume
and business card.

**Convergent Communications** as Network Engineer
Mar 2013 to Mar 2014

Supporting and troubleshooting the client Network along with configuring
Cisco routers and switches

# Education

UG: **B.Tech/B.E. (Electronics/Telecommunication)** from **Anna University** in **2013**

PG: **M.Tech (Computers)** from **Amrita School of Engineering, Coimbatore** in **2017**

# IT Skills

| Skill Name | Version | Last Used | Experience |
| --- | --- | --- | --- |
| Python | | | |
| SQL | | | |
| MATLAB | | | |
| Opencv-Python | | | |
| TensorFlow | | | |
| Scikit Learn | | | |
| Keras | | | |
| Git and Github | | | |
| FLASK | | | |
| Wireshark, TCP DUMP | | | |

# Languages Known

| Language | Proficiency | Read | Write | Speak |
| --- | --- | --- | --- | --- |
| English | | | | |
| Hindi | | | | |
| Tamil | | | | |
| Malayalam | | | | |

# Affirmative Action

Physically Challenged: No

# Work Authorization

Job Type: Permanent

Employment Status: Full time