

# NIKHIL RAMESH

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Self taught developer  
with a special interest in  
Neural Networks,  
Machine Learning and  
Computer Networks.

## Skills

### PROGRAMMING LANGUAGES

C++  
Python  
Javascript  
Ruby  
HTML/CSS  
Lua  
Erlang

### DEVOPS

AWS  
Git  
Docker  
Heroku  
Ansible  
Apache  
Linux

## Education

BITS Pilani, Pilani Campus  
Msc Economics 2018  
BE Manufacturing 2018  
Dual Degree

## Employment

Vedanta Resources Ltd.

India

Intern

May 15 to Jul 15

Automated a lot a internal review and data collection processes. Saved a lot of time for the organisation by setting up various cron jobs to collect data and assemble them in proper format.

## Projects

SSMS Portal

Developed a web portal using PHP and MySQL to manage the monthly accounts of 4500 students

P2PSP.Org (University of Almeria, Spain)

Was involved in the development of the peer-to-peer straight forward protocol(in Python), an application layer protocol for the real-time streaming of multimedia content over the Internet

Tracker

It is to help developers to jump start developing any kind of mobility tracking applications. Tracker lets any type or number of GPS devices to post their locations to a NodeJs server through a REST service.

Doctorsnow.in

Developed REST API's in PHP and the Live chat module(WebRTC) for the online doctor appointment system.

Protocol Development (CEERI Pilani)

Implemented the Carrier Sense multiple access with collision avoidance(CSMS/CA) layer for a generic protocol stack.

## Activities

Inspired Karters

Member of Team Inspired Karters which participates in BAJA-SAE(ATV racing) around the globe.

## Volunteering

National Service Scheme, Pilani

Member of the student team in charge of the Computer Literacy Programm for underprivileged kids