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MangeshDivate

Electronics and Telecommunication Engineer

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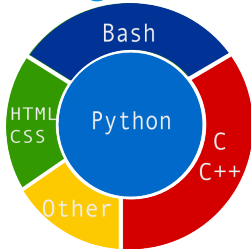
Mail

diavatemangesh12@
gmail.com

Web & Git

divatemangesh.github.io
github.com/divatemangesh

Programming



O.S.

GNU/Linux ★★★★★
Windows ★★★★★
Unix ★★★★★
MacOS ★★★★★

Personal Skills



Experience

- 2017 - now **Bytematics Technologies Pvt Ltd, Bangalore** [Python | Machine Vision Engineer](#)
I am developing framework which will allow vision engineer to work remotely. Containerization and Deployment of AutoCLITA web-application
- 2016 - 2017 **Castalia Research Labs Pvt. Ltd. Magarpatta, Pune** [Internship](#)
Worked on two different Project i.e.
– "People counting" using Numpy, Opencv2, freenect(Python library).
– "GPS Based lock" prototype for logistic company using python.
Apart from this I was partially involved in " Vision based biscuit quality inspection" for ITC Ltd.
- 2010- 2013 **Academic Project Consultant** [Hobby](#)
Guided students in implementing their academic Project in embedded systems like Automating drunk and drive avoidance system, Sound assistance for blind person, Digital sign boards.

OpenSource Contribution

- 2014-2016 **HamaraLinuxProject**
Themes: https://wiki.hamaralinux.org/wiki/index.php/Hamara_Wallpapers
Community : Community: Conducted several workshop for promoting Linux.
- since 2015 **Debian contributor**
Debian packaging : golang-github-zyedidia-pty – PTY interface for Go
<https://bugs.debian.org/cgi-bin/bugreport.cgi?bug=898859>.

Debian packaging : node-path-parse – The path module provides utilities for working with file and directory paths
<https://bugs.debian.org/cgi-bin/bugreport.cgi?bug=903375>.

Debian packaging : : golang-gopkg-data-dog-go-sqlmock.v1
Requested for packaging
- 04/2014 **Python Contributor**
Python3 Tutor

Education

- 2013 - 2017 **Bachelor's Degree in Electronics and Telecom Engg.** [Pune University, India](#)
- 2010 - 2012 **Diploma in Electronics and Telecom Engg.** [MSBTE, Mumbai, India.](#)

Places Lived



Languages

English ★★★★★
Hindi ★★★★★
Marathi ★★★★★

Projects

- 2017 - now **Travel Time Prediction using LSTM Neural Network** [Consulting](#)
Goal of this project is to open source the way of predicting travel time based upon various variable including weather
- 2017 **IoT Based Industrial Automation** [Graduation Project](#)
Interfacing different Industrial Devices and peripherals to Remote Web-server Through IP-based network and ESP8266 Wifi module
- 2016 **Rep-Rap Prusha i3 3d printer** [Hobby Project](#)
The 3d printer that can print there self again and again we used Arduino mega,Raspberry pi,stepper motors
- 2010 **Digital dot-matrix LED Notice Board** [Last year Polytechnic](#)
Interfacing Dot-matrix LED to Micro-controller using shift registers,Wireless Zigbee protocol etc.

Achievements

- 03/2016 **ABU Robocon India 2016** [CSM Balewadi Stadium, Pune](#)
All India Rank 12 ('Team Electronics' Leader)
- 04/2014 **International Go-kart** [Lovely Professional University Panjab](#)
Best Innovator and first Runner up

Certifications

- 02/2017 **Linear Algebra Refresher** [Udacity E-learning](#)
Wrote Python Vector library that can be used to different operation on n number of vector
- 04/2016 **Tutorial Course python3** [Sololearn. E-learning](#)
Learning basics of python3
- 05/2011 **Course in Embedded system (AVR Micro-controller)** [Akaundum Tech. Pune](#)
C Programming, Interfacing different peripherals to AVR micro controller,AVR studio,Winavr
- 07/2015 **Certificate course in PCB Designing** [Akiwate PCB Designing. Pune](#)
Basics of Electronics,Grids and Graphs,PCB Designing workflow,Mouse and Keyboard precautions Software:- Power PCB ,Power Logic
- 07/2009 **MS-CIT** [Param Info Tech. Aurangabad](#)
Windows MS-Office

Organizer & Speaker

- 03/2014 **International Technophilia Robogames (Pune Chapter)** [DPCOE,Pune](#)
Organiser and Co-ordinator
- 06/2016 **miniDebConf2016Pune)** [College of Engineering Pune](#)
Organiser and Sponsors Co-ordinator
- 07/2018 **National Science Exhibition** [GientMetreWaveRadioTelescope,Khodad,Pune.](#)
Open-source Software/Hardware Representative
- 2015,2016 **Introduction to Linux** [DPCOE,Pune.](#)
3 day workshop on linux and Foss

Currently Contributing

Now I am Packaging dependencies of micro editor, for Debian based Linux Distributions. Once packaged users of Debian/Ubuntu family can use micro editor in terminal which is having Sublime editor like features)

Publications

internetot.in
whereinml.blogspot.com

Important links

Stack Exchange Profile

<https://stackoverflow.com/users/6315201/mangesh-divate>

Stack exchange story)

<https://stackoverflow.com/story/divateemangesh>

Debian Packaging)

<https://bugs.debian.org/cgi-bin/bugreport.cgi?bug=898859>.

<https://alioth.debian.org>

<https://bugs.debian.org/cgi-bin/bugreport.cgi?bug=903375>

Quora profile

<https://www.quora.com/profile/Mangesh-Divate>

july 25th, 2018

Typed in Latex

Mangesh Prabhakar Divate