RESUME:

**Name :** Iyengar Prashant Vyankatesh

**Age :** 27

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**blog :**[**http://pi-virtualworld.blogspot.com**](http://pi-virtualworld.blogspot.com/2013/02/automatic-white-balance-algorithms.html)

**Code Repository :**[**https://github.com/pi19404/m19404**](https://github.com/pi19404/)

**Education**

* 2002-10th standard from St Stainslaus high school - 72% aggregate
* 2004-12th standard from SIES collage of science – 84% agggregate
* 2006-BE undergraduate degree from Atria institute of technology 61% aggregate score

**Current Education :**

Pursuing Master Degree (2011-2014) MTECH RA in Electronics and communication IITB (Indian institute of technology Bombay,India) and work in Vision and image processing Lab as Research Assistant

**Research Interests :**

I am research assistant in vision and image processing lab at IITB.My primary research area include hand gesture recognition application for mobile application and vision based application for mobile application.

The work done during my research has enabled to learn good programming skills in developing C/C++/java application using OpenCV libraries on desktop and android OS,basic OpenCL programming for image processing etc

**Competition:**

AUVSI Foundation and ONR's 16th International RoboSub Competition which involves vision based guidance of autonomous robot in underwater environment. I am a part of team representing my university in the competition and work on image processing part of project which involves preprocessing underwater image,object detection and recognition in underwater environment.

The team from IITB came in 10th at competition held during July 2013 at San Diego California.

The image processing part I had worked on was well appreciated and was comparable to the top teams in the competition

**Work Experience**

Before joining my master programming I worked for 5 years (2006-2001) in Polaris Software Ltd as Application Developer for Infrastructure Components for Trade Banking System.

I worked mainly in C,C++ and Java on UNIX operating system to design infrastructure application components for trade banking system which involved designing core technical components which provide support to the application. Some example include to

* facilitate inter process communication using multi threaded /multi process sockets programming,
* designing and developing document storage component to interface with CENTERA image storage/retrival document system (20K document requests per hour)
* inter processing communication in Distributed computing environment
* inter process communication using Message Queues
* inter process communication to synchronize document transfer and processing.
* XML/XSLT based document processing system for on-line document processing system.
* Oracle Database SQL optimization e
* application to migrate large data from BDB to oracle database and corresponding image from different image storage systems .

These project's have enabled my to possess extremely good programming skills in C/C++ and java

**Professional courses :**

EMBEDDED SYSTEMS AND RTOS Course from TRI technology ( 8 months)

**Programming Languages**

C,C++,java,Matlab,octave,python,android programming,etc,OpenCL,SQL,Oracle Database,BDB database,Developing application in C,C++,java using OpenCV libraries on desktop and android OS,OpenCl,Haskell

**Other Interests**

Music,reading books