

Aakanksha Parameshwar

No. 56, 'Padmasiri', 5th main, 4th cross, 60 feet road,
RMV 2nd stage, Bhoopsandra, Bangalore, India - 560094
(+91) - 9008094277

aakanksha.parameshwar@gmail.com

portfolio: www.aakankshaparameshwar.in

EDUCATION:

B.E in Computer Science and Engineering
Sept. 2010 - Jul. 2014

B. M. S Institute of Technology
(renamed as B.M.S Institute of Technology and Management)

University: Visvesvaraya Technological University, Belgaum
78.63%

Higher Secondary Education

Apr. 2008 - Mar. 2010

Sophia High School

Board: Council for the Indian School Certificate Examinations
80.83%

Secondary Education

Apr. 2004 - Mar. 2008

Cluny Convent High School

Board: Council for the Indian School Certificate Examinations
90.71%

SKILLS

Programming : C, C++, JAVA, Python

Technologies : Glassfish, Apache Servicemix, Jersey, Hibernate, OpenCV

Platforms : Windows, RHEL, Ubuntu

Databases : Oracle, MySQL, Postgres

Design : HTML, CSS, JavaScript, Flask web framework, Adobe InDesign, Photoshop, Illustrator

AWARDS/RECOGNITION

- Abyeti's organisation committee head for 8 months.
- First prize in pencil sketching at UTSAHA 2013, an Inter-college Fest organized by BMSIT every year.
- Second prize in shuttle badminton at UTSAHA 2011.
- First prize in Pushpa Alankara competition at ISKON (International Society for Krishna Consciousness) Heritage Fest.
- Runner up in dumb charades at ANADYANTA 2011, an Inter-college Fest organized by Nitte Meenakshi Institute of Technology, Bangalore, India.

HOBBIES

Sketching, designing dresses, art and craft, herbarium, cooking and swimming.

REFERENCES

Dr. Thippeswamy G.

Professor and Head,

Department of Computer Science,
BMS Institute of Technology, Bangalore
E-mail: hodcse@bmsit.in
Ph - +919448864856

Srinath Gunasekaran

Project Manager (Visionael Team) & Director,

Abyeti Technologies Pvt Ltd, Bangalore
E-mail: srinath@abyeti.com
Ph - +919845335968

WORK EXPERIENCE

Abyeti Technologies Pvt Ltd, Bangalore, India

Technical Associate (Developer), Jul. 2014 - Present

Clients: Kaiser Permanente, Telecom Malaysia, Aricent, Vivint, CenturyLink, CACI International Inc.

- Contributed towards development of core Visionael products, Network Communications Manager (NCM), Network Resource Manager (NRM) and Visionael Service Manager (VSM) through many feature-additions and bug fixes.
- Delivered six library patches for NRM which required a thorough knowledge of the application and some non-application specific data to add new devices to library and to port devices from an older version of application to newer one.
- Single handedly maintained VSM product after a core team member handling that product left the company.
- As the Abyeti Organization committee head for 8 months, I organized various entertaining events for Abyeti employees,
- Out of interest, designed logo designs/Poster (<http://goo.gl/CGqHRR>) for Codeground, an online web test hosting platform created by employees of Abyeti.

Abyeti Technologies Pvt Ltd, Bangalore, India

Intern, Feb. 2014 - May. 2014

- Worked on backbone.js to build a property inspector for Network Resource Manager (NRM) maintained by Abyeti for client 'Visionael' and successfully completed plenty of assignments on Core Java especially on concepts like Servlets, JSP's, Generic functions, JDBC/ODBC Access, Reflections.

Campus Diaries, Bangalore, India

Front-end Design Intern, Jun. 2013 - Aug. 2013

- Designed and developed a web UI for Campus Diaries 'about' page (www.campusdiaries.com/about) and designed a drupal event web page as well.

COLLEGE PROJECTS/ WORKSHOPS:

Analysis of Various Face Recognition Algorithms, Feb. 2014 - May. 2014

code: <https://github.com/AakankshaParameshwar/facerec-FYP>

- Conducted an extensive research on existing face recognition algorithms and implemented four face recognition algorithms namely Principal Component Analysis (PCA), Linear Discriminant Analysis (LDA), Scale Invariant Feature Transform (SIFT) and Line Edge Map (LEM) in Python and OpenCV using libraries like Numpy, Python Imaging Library (PIL) and Matplotlib to perform complex matrix manipulations and image processing.
- Designed and developed two interfaces for the application, a graphical user interface using Tkinter and a web interface using Flask web framework; which utilized static face databases like 'Yale Database A' and 'ORL Database' for testing purposes and provided various test cases like 'glasses test', 'expression test' and 'Single Image Test' to allow users to test, analyze and compare an algorithm's effectiveness in solving face recognition challenges.

Textor - A Computer Graphics Mini Project, Feb. 2013 - May. 2013

- Developed a simple text editor 'Textor' using C++ and OpenGL library, to provide menu functions like change font color, cut, copy, paste, delete, undo, redo, and save for users to manipulate text.
- Designed a graphical user interface for textor and multiple graphic wallpapers for this interface which could be customized by users.

Intro to Computer Science, Build a Search Engine, Feb. 2012 - Apr. 2012

- Completed a two month online course on building a python web crawler taught by Dave Evans at <https://www.udacity.com/>

Building Autonomous Robots using Logic gates, Mar. 2011

- Attended a two day workshop on using logic gates to build a line follower robot which could detect barriers ahead and change its course.

EXTRA CURRICULAR ACTIVITIES

- Active member of the UTSAHA poster committee for two years (2011-2012).
- Volunteered in community service groups such as the NSS (National Service Scheme) at BMSIT and Bala Janaagraha during school days.
- Bugler at Sophia High School brass band, during 11th and 12th grade.