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   *Bangalore, India*
University: Vishweshwaraya Technological University, Belagaum
78.63%

Higher Secondary Education   Apr. 2008 – Mar. 2010
Sophia High School   *Bangalore, India*
Board: Council for the Indian School Certificate Examinations
80.83%

Secondary Education   Apr. 2004 - Mar. 2008
Cluny Convent High School   *Bangalore, India*
Board: Council for the Indian School Certificate Examinations
90.71%

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 to gain insight into the the challenges they offer and documented our analysis through two survey papers.

- Implemented four face recognition alogrithms namely Principal Component Analysis (PCA), Linear Drscriminant 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 a web application for users to test, analyze and compare these algorithms.

- Utilized static face databases, '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 an algorithm effectiveness in solving face recognition challenges.

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

- Developed a simple text editor using C++ and OpenGL which provided functions like change font color, cut, copy, paste, delete, undo, redo, and save for users to manipulate text.

- Designed multiple graphical wallpapers for the editor which could be customized by the user.

Intro to Computer Science, Build a Search Engine
<div align="right">Feb. 2012 - Apr. 2012</div>

- 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
<div align="right">Mar. 2011</div>

- Attended a two day workshop on building a line follower robot using logic gates.

WORK EXPERIENCE

Abyeti Technologies Pvt Ltd, *Bangalore, India*
<div align="right">Jul. 2014 – Present</div>

Technical Associate (Developer)

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

- Contributed towards development of two main products Visionael 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 personal interest, designed and presented logo designs/Poster (http://goo.gl/CGqHRR) for Codeground, an online web test hosting platform created by employees at Abyeti.

Abyeti Technologies Pvt Ltd, *Bangalore, India*
<div align="right">Feb. 2014 – May. 2014</div>

Intern

- Worked on backbone.js to build a property inspector for one of the products maintained by Abyeti for client 'Visionael'.
- 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*
<div align="right">Jun. 2013 - Aug. 2013</div>

Front-end Design Intern

- Gained knowledge on front-end languages and responsive web design.
- Designed and developed a web UI for Campus Diaries 'about' page (www.campusdiaries.com/about)
- Designed a drupal event web page as well.

SKILLS

Programming	*C, C++, JAVA, Python*
Technologies	*Glassfish, Apache Servicemix, Jersey, Hibernate, OpenCV*
Platforms	*Windows, RHEL, Ubuntu*
Web Design	*HTML, CSS, JavaScript, Flask web framework*
Databases	*Oracle, MySQL, Postgres*
Design Software	*InDesign (Beginner), PhotoShop (Beginner)*

AWARDS/RECOGNITION

- Voted to become the organisation committee head at Abyeti Technologies Pvt Ltd, for my active participation in event organization.
- Won first prize in pencil sketching at UTSAHA 2013, an Inter-college Fest organized by BMSIT every year.
- Secured second prize in shuttle badminton at UTSAHA 2011.
- Won first prize in Pushpa Alankara competition at ISKON (International Society for Krishna Consciousness) Heritage Fest.
- Secured Runner up prize for dumb charades at ANADYANTA'11, an Inter-college Fest organized by Nitte Meenakshi Insitute of Technology, Bangalore, India.

EXTRA CURRICULAR ACTIVITIES

- Was an active member of the UTSAHA poster committee for two years (2011-2012).
- Was a member of Sophia High School Brass Band, during 11th and 12th grade and my instrument was Bugle.
- Volunteered in community service groups such as the NSS (National Service Scheme) at BMSIT and Bala Janaagraha during school days.

HOBBIES

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

REFERENCES

Dr. Thippeswamy G.	**Srinath Gunasekaran**
Professor and Head,	*Project Manager (Visionael Team) & Director,*
Department of Computer Science,	Abyeti Technologies Pvt Ltd,
BMS Institute of Technology,	Koramangala 1st Block,
Yelahanka, Bangalore - 560064.	Bangalore - 560034.
E-mail: hodcse@bmsit.in	E-mail: srinath@abyeti.com
Ph - +919448864856	Ph – +919845335968

I hereby declare that the above information is true to the best of my knowledge.

Signature