

Aamir Khan

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OBJECTIVE:

To be Part of next IT revolution.

Relevant Courses :

Computer Systems and Programming
Data Structures
System Software
Computer Architecture and Microprocessors
Discrete Structures

Theory of Computation
Operating systems
Software Engineering
Algorithms

All the above courses will be completed before commencement of internship.

Technical Skills :

Programming Languages : C/C++
Web Development : PHP, HTML, CSS, Javascript
Operating System : Ubuntu 10.04, Windows
Database : Postgresql, MySQL
Others : Vim, Subversion, GIT, Shell Programming, Eclipse.

WORK EXPERIENCE :

Rays Expert Pvt. Ltd.

(May 2010 – Jul 2010)

Main work was around development of web pages. Implemented Open Source PHP based real-time invoice generation system through which they can generate invoice and keep track for the payments as well. Also wrote custom PHP scripts retrieve email ids using IMAP and then sending mails using phpmailer. Also improved SEO ranking by implementing basic optimization techniques.

MyGola Technologies Pvt. Ltd.

(May 2011 - July 2011)

- Worked on Kohana PHP framework for the development of website.
- Configured and written tests in PHPUnit to work with Kohana.
- Used Fetchmail and Procmail to make “Post by Email” workflow.
- Google contacts Import API usage to invite friends and fetch their corresponding images from Facebook.
- Fixed security vulnerabilities in payment flow.

Developer LinkCycle (Volunteer Position)

(July 2011 - August 2011)

LinkCycle, LLC is a MIT based award winning start-up that hopes to be the solution to current expensive, cumbersome, black-box LCA software that dominate the market in this space today.

My work involved setting up of development environment for smooth and steady development. Amazon EC2 was used as hosting platform. Bugzilla was used as bug tracker with its integration with SVN using [pybugz](#) pre-commit and post-commit scripts. Separate subdomain names beta.linkcycle.com and test.linkcycle.com were setup.

PROJECTS :

Season of KDE 2011

Working as Season of KDE 2011, student developer for [ownCloud](#) project. My project is to implement “Synchronization” App that can be used to synchronise multiple cloud servers with ease. It will be a third party app which will be authenticated using OAuth2 mechanism. This will allow the users to have data synchronized in background around multiple servers. I have been accepted as KDE Committer.

Ebooks Sharing IIT Roorkee intranet

Features : Upload a Ebook, Create your E-library, Share it with your friends/classmates, Advanced Search, Ajaxified Interface.

- Made the website from scratch using PHP and PostgreSQL.
- For advanced search, i created functions in native PL/PgSQL language, so as to ensure the speed.
- I used ImageMagick to create thumbnails for the books for which thumbnails were not available.

PhpMyAdmin Contributions

[XML export of views](#)

[XML Plugin for database Export](#)

[Left Frame not updated](#)

Chat Application

Working on chat application to be launched for intranet channel of IIT Roorkee. Basic idea revolves around implementing ejabberd2 server with s2s_module enabled to communicate with google talk and facebook servers.

Extra Curricular Activities :

Project Leader IMG

IMG (Information management Group) is a student body solely responsible for developing and managing all Internet and Intranet applications in IIT Roorkee. We are a group of students who manages <http://www.iitr.ac.in> and Channel-i (intranet).

Entrepreneurship Development Cell, IIT Roorkee

The Entrepreneurship Development Cell of IIT-Roorkee, commonly known as EDC, has been established with the objective of creating, fostering and promoting the spirit of entrepreneurship among the youth of the nation. It is ranked among the top 5 E- Cells of India.

Achievements :

- Google Code Jam round 1 qualified.
- Third prize winner in Adobe ExNihilo, web site designing competition organized by Adobe India Pvt. Ltd.
- IIT-JEE AIR 849 out of around 400,000 applicants.
- Got Indira Award for outstanding performance in 10th class.
- Awarded by Hon’ble Chief minister Delhi, Mrs. Shiela Dikshit for academic excellence in 10th class.
- Selected for KVPY (Kishore Vaigyanik Protsahan Yojna) 2010.
- Represented school at cluster level in Mathematics oral quiz competition during 10th class.
- Winner of Virtual Stock Exchange Vinnex 2010.

Education :

Class/Year	Examination/Board	Name of the Institution	Year of Passing	Aggregate/C.G.P.A
Second Year	B.Tech Computer Science and Engineering	IIT Roorkee	2011	7.29
Senior Secondary Examination	CBSE Delhi	Jamia Millia Islamia, University Delhi	2009	87.20%
High school Examination	CBSE Delhi	Rajkiya Pratibha Vikas Vidyalaya Gandhi Nagar Delhi	2007	93.60%

References:

Anshuman Bapna

Chief Executive Office

MyGola Inc.

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Lydia Pintscher

KDE mentoring programs administrator

Season of KDE

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