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Web Presence

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Programming

Python, C, C++, Java

Familiarity

HTML, Javascript,
PHP, Bash Scripting,
ABAP, Assembly

Tools/Practices

Vim, Git, Jenkins,
Phabricator, TDD,
Agile

OS Preference

Linux ★★★★★
Mac OS X ★★★★★
Windows ★★★★★

Education

2012 - 2015 **Master of Science** **University of Helsinki, Finland**

Computer Science, Networking.

GPA: **5/5**

Master's Thesis: *WebRTC in presence of NAT, Firewalls and HTTP Proxies.*

Thesis Supervisor: *Prof. Jussi Kangasharju.*

This education is associated with 12 courses, 9 projects and 1 honours and awards.

2007 - 2011 **Bachelor Of Engineering** **VTU, India**

Computer Science & Engineering.

First Class with Distinction in all eight semesters.

This education is associated with 31 courses, 5 projects, 5 honours and awards.

Experience

06/13 - Now **Software Developer (2 Years)** **Ericsson, Finland**

Working on the Industrial Internet (IoT) cases. Prior to that, worked on addressing the problems of WebRTC in presence of network middle boxes, video transcoding for WebRTC and development of Ericsson's Social Web of Things.

Python, C, GStreamer, Java, Javascript.

01/13 - 05/13 **Software Developer (5 months)** **University of Helsinki**

A collaborative project based software engineering curriculum coordinated by **Facebook Inc.** and **Stanford University**. As a part of this project, I was flown to Facebook Headquarters, Menlo Park, California, for a 3 day kick-off Hackathon. Contributed about **50 patches** to Phabricator, Arcanist and Libphutil open source projects.

PHP, Phabricator.

08/11 - 08/12 **Software Engineer (1 Year)** **Philips Electronics**

Worked as a Software Developer in Ultrasound Research & Development Team, Philips Healthcare. Prior to that, I also worked with Philips IT team creating a Purchase Order Approval System by interfacing Android and SAP systems.

C++, Java, Android.

07/10 - 10/10 **Intern (3 Months)** **Nokia**

Worked on FreOffice (now Calligra Mobile) development, a collaborative effort with KDE developers and Nokia. Developed Optical Character Recognition, Document Translator & Transliteration support for FreOffice. Researched on developing FreOffice using Qt Creator. The work is published on KDE website: techbase.kde.org/User:Kumarafaque

C++, Qt, Maemo.

Frameworks

Qt, GStreamer

Languages

English ★★★★★

Hindi ★★★★★

Finnish ★★★★★

Hobbies

Self Defence,
Working-Out,
Driving, Partying.

Legal

Age: 25

Indian

Work Permit in Finland.

Other Information

- My WebRTC based application Foosball-CAM won second prize in TAD HACK hackathon in Madrid, Spain 2014.
- Gave Tech Talks @ Ericsson on On-line Privacy, TOR Network and WebRTC.
- Represented Ericsson at the Open Innovation Expo 2013, Moscow, Russia.
- One of the eight students selected by University of Helsinki for participating in the Facebook Hackathon and Open curriculum course.
- Identified as Early Career Potential by Philips. One of 22 selected among 13000 applications all over India.
- Won 1st prize in IEEE Project Competition in Higher End Project Category during undergraduate studies.
- Won 3rd prize in state level paper presentation during undergraduate studies.
- Stood 3rd at Regional Levels in TCS Tech Bytes conducted by TCS.
- Trained 50 students on developing applications using Qt Framework in workshop organized by IEEE held at KLESCET, India.
- Developer and former Maintainer of an application which is published in Extras-Devel repository of Nokia's Maemo Operating System. Also, my work has been mentioned in a German Technology Website. Link: <http://maemo.soup.io/since/82371119>
- Representative Of Computer Science for IEEE Student Branch during undergraduate studies.
- ACE(Association of Computer Engineers) Secretary during undergraduate studies.

References

References will be provided upon request.

Projects

You can visit my LinkedIn and GitHub profile to have a look at my projects. Due to privacy concerns, my LinkedIn profile can only be accessed using a LinkedIn account. However, I could make my profile public for a short period time, if you'd like.

May 25, 2015

Afaque Hussain

