SHRIRAM KUNCHANAPALLI

Email: kshriram18@gmail.com

WORK EXPERIENCE:

Freelance:

Remote Backend & occasional Frontend Dev for Tech Venture LLC (Apr'12 – Present)
Developer for a potential start-up (Aug'11 - Oct'11, Dec'11 – Feb'12)

Remote backend developer for Audimated Inc.(Jan'11 - Apr'11)

Online tutor for math, science, and programming (Feb'10 – Oct'10)

Volunteer:

Sample code Github/GoogleCode: http://goo.gl/Ld8zy, https://github.com/ShriramK

Open Source Contributions(Jan'09 – Jan'10, Jan'11 – Present):

Mozilla - Assigned: 23, Reported: 18, Commented: 116, CC: 244 Code Sample: 648380, 670721

Buildbot - Github link

Google Chromium - Codereview 413003, 15059017

Firefox Add-on(Firefox 4.0 and above) : http://goo.gl/KxSEv

Windows Phone Mobile Application (To be updated)

Problem Solving on Topcoder(user:'thespecialist91'), ACM TJU: http://goo.gl/dHNlK

University(On-site):

Runner, Dishwasher, Evans Dining Hall (Sep'05 – Dec'05) Cashier, Rathskeller Eatery (Jan'06 – May'06) Student Employee, IT Lab Support Services (Feb'06 – Jul'07) : Performed basic computer support and troubleshooted network connectivity, educational software, office applications, Windows, Ubuntu and typical call center work for students, staff, faculty, and researchers

Activities:

PyCon US 2012 Attendee

Former member of Florida Tech ACM ICPC Team, IEEE Chapter

ACADEMICS:

University: Florida Institute of Technology('05-'08) Graduation postponed

Degree: Bachelor of Computer Engineering ('05-'07), Computer Science('07-'08)

High School (3 -10): The Indo English High School. Secured **87.5%**. (2002)

Intermediate (11 - 12): Narayana Junior College. Secured **93.1%**. (2004)

SAT I: Verbal (520/800), Math (800/800) **SAT II**: Physics (640/800), Math (750/800)

TOEFL iBT: 85/120 **Cumulative GPA**: 3.29/4.00

Scholarships: Florida Tech Trustee Scholarship

HONORS:

Spring 2008: 3rd place in IEEE SoutheastCon 2008 Software Prog. Competition

Fall 2006: Dean's list

Spring 2004: Secured 1200/(~500,000) rank in common entrance exam EAMCET

COURSEWORK PROJECTS: (2007-2008)

- Simulation of MasterMinds game on command line, Text Based Chat using Web Server/Client for Software/Hardware Integration course (ECE 2552) - TicTacToe on a TV (NTSC Format) using the Blackfin ADSP BF533 Microprocessor for Microcomputer Systems Course (ECE 3551)

RESEARCH EXPERIENCE:

Undergraduate Research Volunteer: - In the summer of 2007, I familiarized myself with Windows System Programming and security research; Microsoft Research Detours project suggested by Dr. Richard Ford, Dept. of Computer Sciences, Florida Tech(FIT), and network security through Stephen Northcutt's TCP/IP book suggested by Dr. William Allen, Dept. of Computer Sciences, FIT, upon my request - In the summer of 2008, I volunteered as a BioInformatics research assistant for Dr.Tristan Fiedler, Dept. of Biological Sciences, FIT, for couple of weeks. I made a presentation on it, and wrote a script using Java to parse gigabyte data sets/files obtained from a public database for worldwide researchers. Also, I've interacted with Dr.Marcus Hohlmann, Dept. of Physics and Space Sciences, FIT, the HEP Research Group at FIT and university students involved with it for a couple of weeks on Muon Tomography project. My knowledge of Matlab and Linear Algebra helped me begin porting code from C++ to Matlab based on a publication involving the EM method, and PDEs. I became familiar with software like ROOT and GEANT (used at CERN)

SKILLS:

Skill Name Skill Level Last Used Experience

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C++/Java/Python(primary) High Currently Used 3.5 years

Cygwin/Bash/Git/Hg/Subversion Moderate Currently Used 1.5 years

Flask, Django, Web2py Moderate Currently Used 1.5 year

Postgresql, MySQL, Heroku Moderate Currently Used 1.5 year

HTML/JS/CSS/jQuery/AngularJS Moderate Currently Used 2 year

PHP, XAMPP, CS3 Low March 2012 6 months

Redis, Mongodb, NoSQL, GAE Low July 2013 2 months

Docker High Currently Used 1 month

Power User:

Linux/Unix/SSH/VMWare/Virtual Box Moderate Currently Used 1 year

Windows 10/8/Vista/XP High Currently Used 7.5 years