Harshit Rohatgi

Curriculum Vitae

102B, Solitaire Apartments, Kondapur
Hyderabad, India
☎ *+91-8008484420*
✉ *harsh.rohatgi@gmail.com*

Education

2006 - 2010	**Computer Science and Engineering**, *Vellore Institute of Technology, Vellore, 8.87/10.*
2005 - 06	**Class 12th**, *AISSE, 88.0%.*
2003 - 04	**Class 10th**, *AISSCE, 91.6%.*

Computer skills

Programming Languages:	C++, Python, Java	**Others:**	HTML, Javascript, LaTeX,XSLT
Operating System	Linux, Windows	**Analytics:**	Cognos Report Studio 8.4, Business Objects,Xcelsius
Database:	MySQL	**Softwares:**	Photoshop, GIMP

Work Experience and Positions

Sep 2011 – To date	**Amazon India Private Ltd.**, *Software Developer Engineer-I.* Working as a SDE-I for Webstore team, Amazon.
June 2010 – Sep 2011	**Deloitte India Consulting Pvt. Ltd.**, *Business Technology Analyst.* Worked as an Analyst in Information Management Service Line of Deloitte Consulting.
June 2009 – July 2009	**Prologix Software Solutions Ltd.**, *Intern.* Worked as a developer in the firm as a part of Summer Internship.

Current Position

- **AutoCategorization**

  AutoCategorization is an Amazon wide initiative to autocategorize the ASINs so that sellers have a less error prone way to list their items on their marketplace . Implemented that for Webstore use cases using an ontology based classifier.

- **EDM Nudge Framework**

  Inspired by Webstore-1.0 Nudge Framework, this allows the product team to configure nudges to be shown to whitelisted Seller by an S3 update on different Webstore Catalog Manager's pages.

- **Seller Tools UI framework** Part of the core team for designing and devising the Seller Tools UI framework . The vision of this project is to design a unified framework which is compliant with all Webstore Seller Tools on a common rendering framework.

- **Seamless Account Pools**

  Allows sellers to register with both the account pools and switch them at mayhem .

- **Seller Configurable Terms and Conditions**

  Allows seller to configure the policy acceptance from a Self Service Tool.

- **1099K**

  Setup tax restrictions and blocking placing order in preview mode and preventing sellers to launch their store.

Projects

- **Naad**

  Technical Environment: Facebook Graph,Django,YUI,YQL

  Implemented in Yahoo India Open Hack-2013. It was a representation of songs your friends have listened to on a world map with the basic idea that the best music recommendations are stil from what your friends have listened to.

- **Integrating Google Maps with Cognos**

  Technical Environment: Javascript,Cognos

  Integrated Google Maps with Cognos Report Studio 8.4 and enabled location based reporting using Google Maps API. The POC for the same was accepted in IM Center of Excellence

- **D.A.Mn.D** – Driver Alertness Monitoring Device

  Technical Environment:C++

  Develop a probabilistic model for drowsy detection using AECS and PERCLOS and using Bayesian Belief Networks. Also simulate driver detection by capturing feeds from camera or video.

- **INGEN** – Intelligent Graphics Engine

  Technical Environment:C++, Python

  Its an attempt to learn the basics of Artificial Intelligence algorithms and Natural Language Processing with their integration with a Graphics Engine. User input will be done by Natural Language to manipulate the agent which interacts with the Graphics Engine environment. Behaviour of Non-Player Characters will be guided by Artificial Intelligence.

- **OBELISK** – VoiceXML Interpreter

  Technical Environment:C++

  Done as a summer internship project at Prologix Software Solutions. The basic idea was to port the code on RHEL, add the implementations of new tags added to VoiceXML 2.0. The second phase involved testing of project against w3c conformance test suite and fixes them.

Activities

- Organizer - Sellers Hack Day-2013, Amazon

  Part of the sellers hack day 2013 steering committee. Helped in ramping up the teams on the theme of the hack day(Machine learning) and mentored the teams on that

- Participant- Sellers Hack Day-2012, Amazon
  Participated in the overnight hack event in Amazon
- Member - Technical Committee, LUG@VIT
  Core committee member of Linux User's Group at VIT, Vellore
- Event co-ordinator ,Phreak '08
  Event coordinator for the School of Computing Science's annual technical fest (Phreak)
- Participant , workshop on Linux Device Driver

- Participant, workshop by TIFAC CORE
  Participated in a two day workshop organised by TIFAC-Core on Vision Based Safety and Security System

Interests and Hobbies

- Hobbyist photographer – http://flickr.com/tallandroid