Curriculum Vitae

SAMARTH ARORA

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Male | 22 Years | Indian

SUMMARY

I will complete B.Tech (Computer Science and Engineering) in July, 2015 from Manipal Institute of Technology. Additionally during my engineering , I have completed various internships and acquired experience of about 60 weeks in multi-disciplinary areas like Business/System Analysis, BPR and Network and Cloud Technologies in diverse organizations; academic, business, consultancy and research. I have also published papers in these areas in various conferences / seminars. My knowledge of programming has enabled me to develop and implement Web and Mobile based projects. My areas of interest are 'providing consultancy for business solutions'. I am a keen learner, a team player and a good communicator. I am an avid traveller and enjoy photography.

EDUCATIONAL QUALIFICATIONS

2011-2015	**Bachelor of Technology (B.Tech)** Computer Science and Engineering ***Completing in July'15** Manipal Institute of Technology, Manipal.
2008-2011	Class Xth and Class XIIth (CBSE)-Computer Science Stream The Mother's International School, New Delhi

INTERNSHIPS (2011-2015)

S.NO	NATURE OF ORGANIZATION	ORGANIZATION	PROJECT DESCRIPTION	DURATION
1	Academic	Department of Computer Science and Engineering, Indian Institute of Technology, Delhi	**Load Balancing through SDN.**	Final Semester,2015 (24 Weeks)
2	Academic	Department of Computer Science and Engineering, Sultan Qaboos University, Muscat	**Network Cryptography.**	Summer ,2013 (4 Weeks)
3	Business	Cisco Systems India, New Delhi & Bangalore	**Routing Protocols. Emerging Network Technologies**.	Summer ,2014 (6 Weeks)
4	Business	DHL Express Terminal, New Delhi	**Business Process Re-Engineering of a Logistics Supply Chain**.	Summer ,2012 (4 Weeks)
5	Business	(n) Code Solutions, New Delhi	**Digital Signatures.**	Winter ,2011 (1 Week)
6	Consulting	KPMG India, New Delhi	**Single Window e-Governance System**.	Summer ,2013 (5 Weeks)
7	Consulting	Centre for Railway Information Systems (CRIS), New Delhi	**MIS/ERP in Railway Information Systems.**	Winter ,2012 (3 Weeks)
8	Research	ERNET, New Delhi	**IPv6 Technologies**.	Winter ,2013 (3 Weeks)
9	Research	Centre for Development of Advanced Computing (C-DAC), NOIDA	**Health MIS Systems.**	Summer ,2013 (4 Weeks)
10	Research	National Informatics Centre (NIC), New Delhi	Development **of EDI Systems-Approach, Platforms and Tools.**	Summer ,2012 (8 Weeks)

PROJECTS (2011-2015)

S.NO	NATURE OF PROJECT	PROJECT DESCRIPTOPN	YEAR
1	Console Application	**Scientific Calculator** without using inbuilt functions in C++	January, 2011 (2 Weeks)
2	Mobile Application	**Android application** for work scheduling	March, 2013 (3 Weeks)
3	Web Application	**School Management System Website** using ASP.NET	November, 2014 (4 Weeks)
4	Web Application	**Web based Statistical tool** using Python (2015) *Currently Developing	March, 2015 (8 Weeks

Publications and Seminars

Cloud Technologies and BPR

- 'Transforming E-governance through Cloud Computing Architecture: Select Case Studies' in an International Conference on E-Governance, Kochi (2012).

- 'Cloud Computing Enabled Strategic Business Process Re-Engineering (BPR) – Select Case Studies' in a National Conference on 'Advances in Computer Sciences, Communication and Information Technologies, New Delhi (2012).

- 'Cloud Computing – Issues, Challenges and Roadmap'; National Conference on Information Science, Manipal (2012).

- 'Leveraging Cloud Computing for Flexibility and Agility in select Business Organisations'; Conference on Flexible Systems Management GLOGIFT, Vienna (2012).

Network Technologies and Cryptography

- 'On determination of LFSR structures to assure more reliable and secure designs of cryptographic systems' published in IEEE (2014).

- Presented a Seminar on technical analysis of a published research paper titled 'Scalable On-Demand Network Management Module for Software Defined Telecommunication Networks' at Manipal Institute of Technology (2014).

Community Service

Rendered Community Services in Programmes organized by Help Age, an NGO and taught under privileged students of Matri Karuna Vidyayala, Aurobindo Ashram (2011).

References

1. Mr. Rupinder Singh (Internship Head)
   Vice President
   System Engineering for Cisco Systems
   rupsingh@cisco.com

2. Dr. Vinay Ribeiro (Project Guide)
   Associate Professor
   Indian Institute of Technology Delhi
   vinay.ribeiro@gmail.com

3. Dr. Afaq Ahmad (Internship Guide)
   Associate Professor
   Sultan Qaboos University, Oman
   afaq@squ.edu.om

4. Dr. Shivraj Kanungo (Project Mentor)
   Associate Professor
   George Washington University
   kanungo.gwu@edu