Satyam Dhar
Electronics and Communications Engineering

C-1101,
Kumar iLife Apartments,
Devarabessanahalli,
Marathahalli ORR
Bengaluru-560103

Curriculum Vitae

I am currently working independently as a **Mobile App Developer** since January 2015. I worked with **Cisco Systems** after campus recruitment for 2.6 years. Apart from iOS and Android apps, I have keen interest in problem solving and coding in **C/C++** and have been regularly participating in online programming contests. I believe one can deliver the best results only when he works on what he loves to do.

Skill Summary:
- Strong Programming skills in C/C++
- Knowledge of Algorithms and advanced Data Structures
- Good Knowledge of Data and Communication Networks and Operating Systems
- Strong Problem Solving Skills
- Strong Team Player and good listening and grasping skills
- Good communication and writing skills
- Creative and innovative perspective

Educational credentials:

I have completed my B.E in Electronics & Communication Engineering in July 2012, from National Institute Of Engineering, Mysore, autonomous under Vishweshvariah Technological University (VTU).

Exam. / Degree	Institution	Board / University	Year	CGPA
B.E. (E&C)	National Institute of Engg. Mysore.	VTU	2012	8.30*
12th	St. Anselm's Pink City School, Jaipur	CBSE	2008	81.4
10th	St. Anselm's Pink City School, Jaipur.	CBSE	2006	92.4

aggregate of 8 semesters.

Computer proficiency:
Programming languages known   :   C, C ++, Java
Operating system   :   Windows, Linux

Subjects of Interest:
- Data Structures and Algorithms
- Object Oriented Programming in C++/Java
- Operating Systems
- Computer Networks

- VHDL, Microcontroller 8051 and Microprocessor 8086

Experience:
- **Independent Mobile App Developer - January 2015 to Present**
  - ○ LiveTable - an app to see live seating and table availability of restaurants around you.
  - ○ Readr - an ebook reading app
- **Software Engineer** at Cisco Systems **- July 2012 to December 2014**
  Important projects led at Cisco:
  - Power-over-Ethernet(PoE and PoE+) on ISR 3900 and 4400 series routers
    - ○ Referred to the IEEE 802.3 standard specification and designed a comprehensive test plan
    - ○ Control and Data flow testing
    - ○ Automation of 21 testcases in Tcl
  - Security Group Tag(SGT) Performance Evaluation on Cisco ISR 3900 series routers
    - ○ Feature and Performance Validation of SGT, a Cisco TrustSec feature
    - ○ Involved in reviewing the functional requirements
    - ○ Filed several serious feature defects and performance drop issues
  - NIM Carrier Card on ISR 4400 series routers
    - ○ Learned about the software architecture for carrier card insertion, bring up and control of NIM modules on the Carrier Card
    - ○ Designed a detailed test plan for features and performance evaluation
  - POS, T1/E1 and ATM Shared Port Adapters on ASR 1001-X
    - ○ Learned deeply about network technologies like POS, ATM, NAT, SyncE and T1/E1
    - ○ Executed traffic and feature testing by understanding software architecture and control flow

Academic Activities:
Workshops/Seminars attended:
- "Mobile-controlled Robots", a 2-day robotics workshop conducted by IIT-Bombay startup Li2 Innovations at NIE, Mysore
- "App development using OpenCV", a workshop to build cool mobile apps using Open Source Computer Vision Library, OpenCV
- Linux vi-editor seminar at NIE, Mysore
- 2-day long "Workshop on Ethical Hacking" at NIE, Mysore
- "Fundamentals of Computer Graphics", an introductory training course in computer graphics conducted at NIE, Mysore

Technical Presentations delivered:
- "Multi-threaded Programming and Applications" in class at NIE, Mysore
- Tech talk on "Cloud Computing" during Adroit, a IEEE Student Branch tech fest at NIE, Mysore Seminar on "Stream Processors"
- Tech talk on "IOS Memory Management" to the team at Cisco
- "Software-defined Networking" nerd lunch at Cisco

Other:
- Regular participant at online programming contests at TopCoder, CodeChef and HackerEarth
- Active member of IEEE Students Branch and Onyx, an entrepreneurship student organisation at NIE during college
- Participated in numerous intercollege and intra-college coding challenges

Awards and Achievements:
- **Awarded Rs. 100,000** as grant from the Department of Science and Technology, Govt. of India for final year project titled "Smart Prepaid Electric Billing Systems using GSM" and was **lauded by all leading national newspapers**
- Obtained an **eLitmus pH-score of 93.2 percentile** with 99.1 in Quantitative Analysis
- Cracked Qualification Round and 1st Round of **Google Code Jam - 2012**
- Stood 2nd in Hack-IT IV, a hackathon at Cisco for developing an IoT based restaurant management

system using sensor networks
- ● Awarded "You Amaze" at Cisco for engineering excellence Awarded "You Inspire" twice for outstanding performance at Cisco
- ● Campus-placed in **IBM, Red Hat** and **Cisco Systems**

Other Extra-curricular and Team Activities:

- ●Core member of Early Career Network, a ERG at Cisco to help young new hires feel at home
- ●Core member of ENG Social Team, an official team at Cisco which organizes social and entertainment events once a quarter.
- ●Won Ist Prize at MMC Intercollegiate Group-Dance Competition
- ●Lead Vocalist & Bass Guitarist in rock band "Gordian Knot".
- ●Formerly, Leader of NIE official dance group "Monsters"

Personal details:

Sex	:	Male
Marital status	:	Single
LinkedIn Profile	:	http://www.linkedin.com/profile/view?id=147529144
Date of Birth	:	02/09/1989
Mother Tongue	:	Hindi, Kashmiri
Languages Known	:	Hindi, English, Kashmiri and Kannada
Permanent Address	:	B-32, Lane 3, Nityanand Nagar,
		Gandhi Path, Queen's Road,
		Jaipur
Contact Details	:	+919611947241
E-mail	:	sam_dhar@hotmail.com

Hobbies & Interest:

- ● Playing Guitar
- ● Reading Novels
- ● Good Movies
- ● Blogging
- ● Gardening and admiring nature

I declare that the information given above is true to the best of my knowledge.
(Satyam Dhar)