Antriksh Saxena

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EDUCATION

Bachelor of Technology in Computer Science and Engineering **(CGPA - 8.73/10)** Vellore Institute of Technology – Vellore, India	**Jul 2008 – May 2012**
CBSE Board - Higher Secondary Certificate **(Aggregate Marks – 88%)** Bhavan's B.P. Vidya Mandir, Nagpur, India	**2008**
CBSE Board - Secondary School Certificate **(Aggregate Marks – 90.6%)** Ira International School, Nagpur, India	**2006**

PROFESSIONAL EXPERIENCE

Senior Software Engineer – Android apps developer Sourcebits, Bangalore, India (Consistently rated *Exceeds Expectations*)	**Jul 2014 – Nov 2014**
Software Engineer – Android apps developer Sourcebits, Bangalore, India	**Jul 2012 – Jun 2014**
Software Engineer Intern Sourcebits, Bangalore, India	**Jan 2012 – Jun 2012**

SKILLS AND EXPERTISE

Languages	**Java, C, C++**
Areas of Expertise	**Android apps development**

RELATED EXPERIENCE

Sourcebits, Bangalore, India

- **EMC Partner News:** Was the team lead for the android version of the EMC Partner News application. EMC Partner News application is used by the EMC^2 partner and employees to read the daily news related to EMC^2. The news is pushed from the server to the mobile app and it makes reading and searching through articles very fast and simple. User can also get news feeds based upon the categories of the news articles that (s)he is interested in and gets push notification for whichever new news feed that gets added into the system. Was involved from the very beginning stages to the end of this project, including architecture diagram, basic setup, architecture of the app, network, sqlite handling, etc.	**Aug 2014 – Nov 2014**
- **Vuzix M100:** Worked as the android front-end developer for the Vuzix M100 glasses. Was involved in making the launcher app for the Smart Glasses (SG) along with other basic android apps that are compatible with the SG (like Camera, Gallery, Clock, Calendar, Contacts and Audio Recorder). Also, developed an android mobile application (Partner app) that connects to the SG over Bluetooth and can be used to control it. Also made a separate app store for the SG in the partner (Application World) using which the various SG aware 3rd party apps can be installed on the SG. The M100 glasses along with the apps (developed by us) running on it were showcased in CES (Consumer Electronics Show) 2014. Vuzix Smart Glasses, M100 were the recipient of the CES Innovations 2013 Design and Engineering Award BEST OF INNOVATIONS, and selected as Best Technology in the Wireless Handset Accessory category.	**Oct 2013 – Jul 2014**

- **Castgraphy**: Worked as the android front-end developer for the Castgraphy app. Castgraphy is a like an online public radio where anyone can broadcast and listen to anyone (one could also say it's like Twitter but with audio tweets). Some of the challenging tasks done in this project were using socket io to communicate between server and client (also implemented chat using the same), media player chaining (for better user experience for people with low internet bandwidth) and syncing of broadcasts between all the platforms (android, iOS and web). https://play.google.com/store/apps/details?id=com.castgraphy.cs   **Apr 2013 – Oct 2013**

- **Soldier's Field Card (SFC)**: Worked as the android front-end developer for the US Army Europe Sustainable Range Program. The app has cards for various training areas and each card has various topics such as Medical Evacuation Requests, Wildlife, Fire prevention, Orientation and Training Area Maps, and much more. The app is used by soldiers to see the details of various training areas. The app had a static db file from which the data was displayed using loaders. https://play.google.com/store/apps/details?id=com.usareu.sfc   **Jan 2013 – Apr 2013**

- **Khachack** (NDTV Photos app): Worked as the android front-end developer for the photos app of the media giants – NDTV. Khachack is a photo aggregator from some of the popular social networks (Facebook, Twitter and Flickr). You can share photos, comment, like, etc from within the app. There is also a posters module, wherein you can fit your faces on top of popular movie posters and share it with your friends. Worked extensively with photos, handling bitmaps, memory management, social networks, etc. https://play.google.com/store/apps/details?id=com.ndtv.khachack   **Aug 2012 – Jan 2013**

Sourcebits, Bangalore, India (Internship)
- **Blackberry POC**: Developed a solution for connectivity needs in Blackberry. Successfully created widgets in Blackberry for quick access to wireless and network settings similar to Android power widgets.   **Mar 2012 – Apr 2012**

- **Flo**: Developed a location specific storytelling app, Flo, which collected data from various social networks. Flo combined posts and photos from the social network giants like Facebook, Twitter and Foursquare into a single platform and was a social network in itself, where one could post photos, comments.   **Jan 2012 – Mar 2012**

Indian Mobile Initiative(IMI), BITS Pilani(Goa campus), Goa, India
- **Blood Drive app**: Developed an android app for the benefit of the Indian Society to search for blood donors in the nearby vicinity in case of emergencies. The 2011 IMI was conducted by the students of MIT, USA and sponsors like Google India and IIM Ahmedabad. Won the Next Big Idea Award and $500 for the same.   **Apr 2011 – Jun 2011**

PUBLICATIONS

iThings 2011, Dalian, China   **2010**
- Authored a conference paper titled 'A Learning Automata Based Solution for Preventing Distributed Denial of Service in Internet of Things' which has been published in iThings 2011: The 2011 IEEE International Conference on Internet of Things held in October 2011 at Dalian, China. The research paper was on preventing the Distributed Denial of Service (DDoS) attacks in the IoT(Internet of Things) by using a Learning Automata (LA) based technique. The system used to intelligently try to reduce the attacks by learning and evolving with experience. http://ieeexplore.ieee.org/xpl/articleDetails.jsp?reload=true&arnumber=6142307&contentType=Conference+Publications

International conference of Wireless Networks(ICWN) 2011-Worldcomp, Las Vegas, USA   **2009**
- **FlexiSim**: Developed java based GUI for NS2 (Network Simulator): FlexiSim. It generated the complex NS2 code by simple specifying the numbers and properties of different network elements needed in the system. The various network elements like the nodes, their types, different network connections and the protocols to be used could simply be entered in a dialog and running the code, used to generate the tcl file for the given scenario. A conference paper on the same, titled 'FlexiSim: A user friendly Environment for Network Simulations', has been published in Application session of ICWN 2011 (Worldcomp) held in July at Las Vegas, USA. http://world-comp.org/proc2011/icwn/contents.pdf

EXTRA-CURRICULAR ACTIVITIES

- Foosball champion of Sourcebits (2014)
- Played Guitar, Vocals in the Sourcebits Annual Day function, Women's day celebration, etc.
- Placed 1st in Creative Hunt organized by the Creativity Club of VIT University
- Passionate about reading books as well as music
- Enjoy drawing and sketching
- Enjoy passing time in answering questions on Stack Overflow

LANGUAGES

English	Speak, read and write with high proficiency, all education in English
Hindi	Native language

PERSONAL INFORMATION

Name	Antriksh Saxena
Date of Birth	16th December 1989
Email	antrromet@gmail.com
Website	http://www.antrromet.com/
Stack Overflow	antrromet (http://stackoverflow.com/users/451951/antrromet)