

# ARPIT GOGIA

B E (Mathematics & Computation Engineering, DTU) Second Year | +91 9650232753 | earpitg@gmail.com

## SUMMARY

Energetic, and enthusiastic emerging professional who is passionate about being the best software developer. I have been a scholar all through my education so far, and continue to make efforts to learn about computer programming through all available channels.

Keen interests in – Server Side Development, Android Development, Machine Learning. A core Linux follower, and open source enthusiast

## TECHNICAL SKILLS

- Extensive experience of Java
- Expert on Android Development
- Hands on experience in C++, C
- Knowledge of HTML, CSS
- Working knowledge of Python, Django

### Software & Tools

- Developer tools including Eclipse, Android Studio
- Desktop software like Microsoft Office, Android Setup and Configuration, Linux

## INTERNSHIPS & PROJECTS

June, 2015 (2 months)	<p>Worked as intern in startup CSimplifyIT, Gurgaon.</p> <p>Developed an Android application to integrate TESSERACT optical character recognition interface along with Google Translator RESTful services. The application was used to perform translation of real time image characters into a native language as required by the users.</p> <p>Second Android application I developed was a mobile based Point of Sale (Retail PoS) application for use by distributors placing wholesale orders to the supplier. Extensive use of JSON, and RESTful services architecture pattern to provide a dynamic, and easy to use interface for order management. The application was developed for an existing business customer and is in pilot launch stage.</p>
April, 2016	<p>Participated in Hack@NSIT 2016 organized by the Software Development Society of NSIT. Developed an Android application called <b>Foodify</b> to measure calories in your meals using image recognition APIs.</p> <p>Secure <b>3<sup>rd</sup></b> position out of approximately 20 teams.</p>
January, 2016	<p>Participated in IndiaHacks '16 by HackerEarth.</p> <ol style="list-style-type: none"><li>1. <b>QR Money (FinTech hackathon)</b> – Developed an application which allows exchange of money between users using QR Codes as unique identifiers for a user. The app has a simple registration procedure and a minimalistic user interface. It is a viable replacement for paper money as well as costly hardware based implementations of paperless money like NFC or MST. <b>Ranked 15 all over India.</b></li><li>2. <b>WishList (eCommerce hackathon)</b> – Developed an application which allows the user to add items he wishes to buy. The app then retrieves the prices and deals of the added items. The app also reminds the user when the best deal is available. <b>Ranked 19 all over India.</b></li></ol>
Current Projects	<ol style="list-style-type: none"><li>1. <b>DigiSign</b> – Developed an application for Android based public information display panels, that can manage, control, and schedule media and content display on the panels. The app also allows to administer the panel content remotely, and allows all part of managing the device through a remote dashboard. Such intelligent android based panels are replacing the traditional LED based panels on airports, railway stations, and any other large public areas for advertisements and information display.</li></ol>

This was done as part of team of 4 developers and I led the Android Module development, and three of my fellow team members developed the server side components in PHP over Linux.

I used technology frameworks like – Google Cloud Messaging, Socket.IO for persistent network interface, RESTful web services, and JSON for data exchange. The authentication was developed using ZXing QR Code library. This is ongoing, and the first alpha release has been done.

2. **CSI – DTU Chapter Android Application** – Developing an app for Computer Society of India, DTU Chapter to publish information and content about events and festivals being organized by the society within DTU.
3. **Innova Tech Fest Android Application** - Innova is annual technical festival organized by DTU students within the university. The purpose is to ease the information cascade about the fest to the students.

## ADD ON COURSES

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September, 2014	Computing in Java, Hong Kong University of Science & Technology <ul style="list-style-type: none"><li>· 10 week assignment based course completed with 97%. This helped me to learn Java in a structured manner</li></ul>
Currently	Design & Analysis of Algorithms, MIT on Coursera <ul style="list-style-type: none"><li>· 10 weeks course to learn analysis and performance measurements of various algorithms</li></ul>
Online Competitive Programming	CodeChef, HackerEarth, HackerRank, SPOJ <ul style="list-style-type: none"><li>· Over 200 programming problems solved through the above listed online sites.</li></ul>
Other Interests	<ul style="list-style-type: none"><li>· Computer Security, Server Side Component Development</li><li>· Sports – Tennis, Football</li></ul>

## EDUCATION

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2014 to Current	BE (MCE), <i>Delhi Technological University</i> , 71% Aggregate Up to 3 <sup>rd</sup> Semester
2014	Senior Secondary Certificate, 95.2 %, DPS, Vasant Kunj
2012	10th, CGPA 10, DPS, Gurgaon

## REFERENCE LINKS

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CodeChef	<a href="https://www.codechef.com/users/asdzxc1">https://www.codechef.com/users/asdzxc1</a>
HackerEarth	<a href="https://www.hackerearth.com/users/earpitg/">https://www.hackerearth.com/users/earpitg/</a>
GitHub	<a href="https://github.com/arpitgogia">https://github.com/arpitgogia</a>
LinkedIn	<a href="https://in.linkedin.com/in/arpit-gogia-25ba76b6">https://in.linkedin.com/in/arpit-gogia-25ba76b6</a>