

# Sahil Arora

2036D - CHB, Sec-63, Chandigarh- 160047  
+91-9882246597 | [sahilarora358@gmail.com](mailto:sahilarora358@gmail.com)

## Education

<b>B.E. INFORMATION TECHNOLOGY</b>	<b>2012 - 2016</b>
UIIT, HIMACHAL PRADESH UNIVERSITY SHIMLA	7.5 CGPA
<b>C.B.S.E. Board (class XII)</b>	<b>2011 - 2012</b>
SR. SEC. MODEL SCHOOL SUNDERNAGAR	78.6 %
<b>C.B.S.E. Board (class X)</b>	<b>2009 - 2010</b>
SR. SEC. MODEL SCHOOL SUNDERNAGAR	8.8 CGPA

## Internships

Jul-Aug'15	<p>Intern , DRDO, Chandigarh</p> <p><b>Project: UI design and Service Development for Visitor Pass and Study of SAN Applications</b></p> <ul style="list-style-type: none"><li>• Developed using Twitter Bootstrap for UI Design and AngularJS for visitor pass service.</li><li>• Visitor Pass form allows visitors in DRDO premises during working hours and working days.</li><li>• The Form is initiated by any officer and then passed to security office after verification by data head.</li></ul>
Jun-Aug'14	<p>Research Intern, IIT, Guwahati</p> <p><b>Project: Development of a Simulation framework for Smart Electricity Microgrids</b></p> <ul style="list-style-type: none"><li>• Developed a <b>simulation software</b> which aims at rating the scheduling and operation control algorithms based on parameters like QoS in electricity, micro grid operator revenue, generation outage tolerance, carbon footprint and grid fault tolerance.</li><li>• A test bed is designed which imitates a micro grid and consists of a scenario generator consisting of a photovoltaic generation model, wind generation model, energy storage model, load estimation model.</li></ul>

## Achievements

- Secured **Certified Secure Computer User V1** conducted by EC council
- Got **Prime Minister Scholarship** for pursuing graduation
- My App Incredible Himachal featured in **The Tribune** recently on 26<sup>th</sup> June, 2016

## Projects

Mar'16-Present	<p>App Developer, UIIT, shimla</p> <p><b>Project: Incredible Himachal Android Application</b></p> <ul style="list-style-type: none"><li>• App consuming JSON data using AJAX in AngularJS</li><li>• Provides Information about the tourist destinations, geography, adventure activities and festivals of Himachal Pradesh. Other features include tour tips, maps, bus bookings etc.</li></ul>
Sept-Dec'15	<p>App Developer, UIIT, shimla</p> <p><b>Project: Bookhunt Android Application</b></p> <ul style="list-style-type: none"><li>• Developed App using AngularJS and Ionic/Apache Cordova.</li><li>• App provides all eBooks of the course IT and CSE.</li></ul>

Jan-Feb'12	<p>Trainee , Jetking , Chandigarh</p> <p>Topic: CCNA (Cisco Certified Network Associate) course</p> <ul style="list-style-type: none"> <li>• Worked on routers and switches and developed a simulation model for networking in college.</li> <li>• The Enterprise network is based on <b>VLANs</b> which provides efficient use of the Switch.</li> </ul>
Mar-May'14	<p>Project Head, UIIT Shimla</p> <p>Project: System Analysis &amp; Design on Online Information System</p> <ul style="list-style-type: none"> <li>• Analyzed the old system and collected data for the new system.</li> <li>• Documentation of the proposed system is prepared according to <b>SDLC stages</b>.</li> </ul>
Jan-Feb'13	<p>Trainee, Codec Network &amp; Solutions</p> <p>Project: Certified Information Security Analyst Course</p> <ul style="list-style-type: none"> <li>• Detecting vulnerabilities in Websites and preparing <b>documentation report of threats</b>.</li> </ul>
Jun-Aug'13	<p>Project Head , Miracle Technologies, Noida</p> <p>Project: Client Server Chat Application Using Linux Internals</p> <ul style="list-style-type: none"> <li>• Using the concepts of C and Linux programming, made a Client server chat application with Non-GUI.</li> </ul>

## Programming Languages

### Proficient with

- Twitter Bootstrap
- Adobe Dreamweaver
- HTML/CSS
- Ionic Framework
- NodeJS
- Git/Github

### Comfortable or Familiar with

- > C,C++
- > Netbeans
- > MySQL
- > AngularJS
- > Java

## Extra-Curricular Activities

- Working as a brand evangelist at Partiko (startup) (DEC 2015- Present)
- Event coordinator and online publicity coordinator for the college fest Utkarsh in the year 2015
- Writing blogs related to security on blog websites.
- Attended workshop on HTML/CSS by Nimbuzz Technologies (30 SEPT,2013)
- Attended workshop on ethical hacking by TechDefence (28 SEPT,2013)
- Participated in many college activities like mentor program and other organizing activities held at institute level.