

EDUCATION	UIIT, HP University Shimla		
	B.E., Information Technology	7.5 CGPA	2012 – 2016
	Sr Sec Model School Sundernagar		
	Class XII, CBSE	78.6%	2012
	Class X, CBSE	8.8 CGPA	2010
INTERNSHIPS	Intern, DRDO Chandigarh	Mentor: Sc Chander Shekar	Summer 2015
	<i>UI design and Service Development for Visitor Pass and Study of SAN Applications</i>		
	<ul style="list-style-type: none"> •Developed using Twitter Bootstrap for UI Design and AngularJS for visitor pass service •Visitor Pass allows visitors in DRDO premises during working hours and working days •The Form is initiated by any officer and then passed to security office after verification by data head 		
	Research Intern, IIT Guwahati	Mentor: Prof. Dr. Arnab Sarkar	Summer 2014
	<i>Development of a Simulation framework for Smart Electricity Microgrids</i>		
	<ul style="list-style-type: none"> •Developed a simulation software 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 •Built the generation model (i.e. Solar and Wind Power model) which predicts the amount of energy that is to be generated by the microgrid. It was challenging to produce 100% accurate result for solar power prediction model for which the data of global solar insolation is used that covers a large range of latitudes. 		
PROJECTS	Trainee – Jetking Chandigarh		Jan'15 – Feb'15
	<i>Networking in College using concepts of CCNA</i>		
	<ul style="list-style-type: none"> •Enables access to business information and allows for profitable and effective communication •Started from working on basics of routers and switches then covering the Routing technologies required to route data between branches •Implemented technologies like VLAN, TRUNKING, STP, PORT SECURITY & INTER-VLAN to perform segmentation for large LANs 		
	Project Head – UIIT Shimla		Mar'14 – May'14
	<i>System Analysis & Design (SAD) on Online Information System</i>		
	<ul style="list-style-type: none"> •A student information system (SIS) is a software application for educational establishments to manage student data. •The new online information system that is to be made is compared to the manual system using the SDLC stages which results the system to cost efficient, overcome problems of manual system and reduce workload as information would be computerized. 		
	Developer – Miracle Technologies Noida		Jul'13 – Aug'13
	<i>Client Server Chat Application Using Linux Internals</i>		
	<ul style="list-style-type: none"> •A Console based application which is implemented using Linux BSD Sockets •Developed in C language executed on a single stand-alone Linux machine across a network using loop back address concept 		
OPEN-SOURCE PROJECTS	App Developer, UIIT shimla		Mar'16 – now
	<i>Incredible Himachal App</i>		
	<ul style="list-style-type: none"> •App consuming JSON data using AJAX in AngularJS •Provides Information about the tourist destinations, geography, adventure activities and festivals of Himachal Pradesh. Other features include tour tips, maps, bus bookings etc 		
	App Developer, UIIT shimla		Sept'15 – Dec'15
	<i>BookHunt App</i>		
	<ul style="list-style-type: none"> •Developed App using AngularJS and Ionic/Apache Cordova which provides all eBooks of the course IT and CSE •Cordova InAppBrowser Plugin is used to open books in the app itself 		

ACHIEVEMENTS	<ul style="list-style-type: none"> •My App Incredible Himachal featured in The Tribune recently on 26th June, 2016 •Secured Certified Secure Computer User V1 conducted by EC council •Secured “Codec Certified Information Security Analyst” conducted by Codec Network Solutions (EC council Accredited Training centre) 	
SKILLS	Proficient <ul style="list-style-type: none"> •Twitter Bootstrap •Adobe Dreamweaver •HTML/CSS •Ionic Framework •Git 	Comfortable or Familiar <ul style="list-style-type: none"> •C & C++ •Netbeans •AngularJS
EXTRA-CURRICULAR ACTIVITIES	<ul style="list-style-type: none"> •Event coordinator and online publicity coordinator for the college fest Utkarsh in the year 2015 •Writing blogs related to security on blog websites •Playing Guitar and Photography are also part of my hobbies. •Attended workshop on HTML/CSS by Nimbuzz Technologies (30 SEPT, 2013) •Attended workshop on ethical hacking by TechDefence (28 SEPT, 2013) 	