

Ayush Agarwal

Male, 23

<http://agarwalayush.in>

LinkedIn: [linkedin.com/in/ayushagarwal95](https://www.linkedin.com/in/ayushagarwal95)

GitHub: github.com/ayushagarwal95

EDUCATION			
B.Tech. – Computer Science & Engineering	9.55/10 (top 20/696)	VIT University, Vellore	2017
AISSCE (CBSE) – Class XII	97.4% (2 nd /38)	Lakshmipat Singhanian Academy, Kolkata	2013
AISSE (CBSE) – Class X	10/10 (top 10/130)	Lakshmipat Singhanian Academy, Kolkata	2011
ELECTIVES: Soft Computing, Data Mining and Warehousing			
EXPERIENCE:			
Software Engineer, Cisco Systems, India	<ul style="list-style-type: none">Working as an engineer in the Generalized Multiprotocol Label Switching – IOS XR teamDriving UT automation; Increasing code coverage; Actively triaging and resolving bugs		Aug 2017 - Present
INTERNSHIPS:			
Cisco Systems, India	<ul style="list-style-type: none">Designed and implemented packet tracing infrastructure on IOS-XREnhanced show-tech output on IOS-XE; developed optics driver for NCS560 as team of 2		Jan – Jun 2017
SIBIA Analytics & Consultancy	<ul style="list-style-type: none">Developed an analytics portal using Node.js, MongoDB, EJS, Highcharts as team of 2Handled client queries; analysed change requests and incorporated them		Jun 2016
PDS Infotech	<ul style="list-style-type: none">Revamped the website www.jayasoftwares.com using Bootstrap 3Implemented test projects using Facebook and Google APIs		Dec 2014
TECHNICAL SKILLS:			
<ul style="list-style-type: none">Programming Languages: C, C++, Node.js, Python - proficientWeb Development: HTML, CSS, JavaScript, jQuery, Bootstrap – proficient; Angular 2 – beginner (self-learning)Database Systems: SQL, MongoDB – proficient			
ACADEMIC ACHIEVEMENTS & AWARDS			
<ul style="list-style-type: none">Merit Scholarship for Academic Performance for three successive yearsMerit certificate for being among the top 0.1% of successful candidates of AISSCE in Computer ScienceGold Medalist, Individual Round at International Young Mathematicians' Convention, Lucknow1st Runners Up, Group Round at IYMC, LucknowMerit certificate for achieving A1 (10/10) grade in all subjects in AISSEBronze Medalist, Individual Round at IYMC, Lucknow			2017 2013 2012 2012 2011 2010
TECHNICAL PROJECTS: VIT University, Vellore			
VITacademics API	<ul style="list-style-type: none">Led team of 4 students to enhance and maintain the iOS, Android applications and the APIDeveloped a REST based server to enable scraping student information off VIT's portalsHelped 12000+ students track their attendance, marks and timetables; based on Node.js & MongoDB		
Smart Watering System	<ul style="list-style-type: none">Led team of 3 to conceptualize & develop the system using Azure technologies and Raspberry PiDesigned and implemented the architecture of the system successfully		
VIT Student Handbook API	<ul style="list-style-type: none">Designed & developed an API allowing client applications to fetch articles & imagesCreated a portal to allow content writers to create, update, delete articles and images		
Web Development	<ul style="list-style-type: none">Built the user interface and optimized server-side logic for graVITas Premier League website		
Perceptron Classifier	<ul style="list-style-type: none">Built a simple single layer-single output perceptron network using Python 3Classified tumours as benign or malignant, based on attributes available in the dataset		
POSITIONS OF RESPONSIBILITY HELD			
Organizer, Technical Committee, graVITas 2016	<ul style="list-style-type: none">Created various portals to enable efficiency in management activities and make them paper freeLed team of 10 to develop and maintain the website and Android, iOS, Windows applicationsIntegrated online payment in the registration portal; 10000+ app downloads, 40000+ website hits		
President, IEEE Computer Society	<ul style="list-style-type: none">On-boarded, recruited, managed and trained 25 new members into the chapterDeveloped an online portal to enable paperless recruitments for the chapterLed team of 5 to design and build the user interface and experience of the chapter websiteOrganized events, seminars and workshops on computing technologies; attended by 100+ students		
OTHER AWARDS			
Runners Up, Asian Regional Space Settlement Design Competition, 2011	<ul style="list-style-type: none">Led the Business Development team; estimated schedule and total costs for the settlementFormulated business plan to drive earnings growth; estimated the annual budget for every teamAnalysed recurring expenses and recommended areas for cost reduction		
OTHER INTERESTS			
Tinkering with Gadgets; PC Gaming (Strategy); Reading (Quora, Fiction); Playing Cricket, Volleyball, Badminton, TT			