Ayush Agarwal

Male, 21

EDUCATION

B.Tech. – Computer Science & Engineering	9.65/10	VIT University, Vellore	2017
AISSCE (CBSE) – Class XII	97.4%	Lakshmipat Singhania Academy, Kolkata	2013
AISSE (CBSE) – Class X	10/10	Lakshmipat Singhania Academy, Kolkata	2011

INTERNSHIPS:

SIBIA Analytics and Consultancy Pvt. Ltd.	• Contributed in the development of a web based analytics portal based on **Node.js, MongoDB, EJS templating** and **Highcharts** • Was responsible for working on **changes requested** by the **client** for the same	*June 2016*
PDS Infotech Pvt. Ltd.	• Contributed significantly towards the **revamp** of **Jaya Softwares' website** using **Bootstrap 3** – http://jayasoftwares.com • Implemented test projects with **Facebook** and **Google API** to achieve easier management of social media pages	*Dec 2014*

TECHNICAL SKILLS:

- Programming Languages: C, C++, Node.js, Python 3
- Web Development: HTML, CSS, JavaScript, jQuery
- Database Systems: SQL, MongoDB

ACADEMIC ACHIEVEMENTS & AWARDS

• **Merit Scholarship** for Academic Performance for **two successive years**	*2014-15, 15-16*
• **Currently ranked 6th of 700** students in the branch	
• **Merit certificate** for being among the **top 0.1%** of successful candidates of **AISSCE** in **Computer Science**	*2013*
• **Gold Medalist,** Individual Round at **International Young Mathematicians' Convention, Lucknow**	*2012*
• **1st Runners Up**, Group Round at **IYMC, Lucknow**	*2012*
• **Runners Up** at **Asian Regional Space Settlement Design Competition**	*2011*
• **Merit certificate** for achieving **A1 (10/10) grade** in **all subjects** in **AISSE**	*2011*
• **Bronze Medalist**, Individual Round at **IYMC, Lucknow**	*2010*

TECHNICAL PROJECTS: VIT University, Vellore

VITacademics API Server	• A **REST based server** to enable **scraping student information** off VIT's portals • **Helps more than 10000 students** track their attendance, marks and timetables • Based on **Node.js** and **MongoDB**
Smart Watering System	• Built as part of **Microsoft Campus Commune Program** • **Internet of Things** based watering system, aimed at curbing excessive watering of plants • Based on **Microsoft Azure** technologies and **Raspberry Pi**
VIT Student Handbook API Server	• Enables students to receive **information related to VIT** like rules or food places in the vicinity of VIT • Serves as a **portal** for the content managers to upload new or modify existing information • Based on **Node.js** and **MongoDB**
Website Development	• graVITas Premier League – **built the user interface** and **contributed in optimizing server side logic** • IEEE Computer Society VIT Student Chapter Website – contributed significantly towards the overall **design** and **user experience** of the website, and **building the user interface**
Perceptron Classifier	• **Built** a simple **single layer-single output perceptron** network using **Python 3** • **Classified tumours** as benign or malignant, based on the attributes available in the particular dataset

POSITIONS OF RESPONSIBILITY HELD

President, IEEE Computer Society	• Responsible for **on-boarding**, **recruiting, managing and training** of **new members** into the chapter • **Administered development** of an online portal to enable **paperless recruitments** • **Organized and managed events, seminars** and **workshops** on computing technologies
Event Coordinator, graVITas Premier League	• Responsible for **creation** and **complete management** of the **web platform** • Organized a **live auction** for the final round; achieved a turnout of **more than 1000 participants** • **Improvised the platform** based on the feedback given by the participants; **added features** as well

OTHER SKILLS

- Problem Solving, Planning and Organizing, Team Work and Leadership