

Anudit Verma

Class Representative

B.Tech, Computer Science & Engineering

University School of Information &

Communication Technology (USICT)

New Delhi, INDIA



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Objective

Currently looking for a job in an organization with team where I can utilize my potential to learn and grow.

Education

School/College	Qualification	Year	Percentage/CGPA
University School of Information & Communication Technology (USICT) Guru Gobind Singh Indraprastha University	B.Tech (CSE)	2013-17	73.30 %
Mayur Public School CBSE	Intermediate/+2	2012	82.20 %
Mayur Public School CBSE	High School	2010	8.8

Projects

Google Summer of Code 2015

(May 2015 - August 2015)

New API: Open Supporter Data Interface Implementation

- Designed and implemented REST APIs for *CiviCRM* to enable interoperability among various other association management systems.
- Ensured compliance with *Open Supporter Data Interface* (ODSI) for lower integration costs and data consistency across other platforms.
- Worked closely with assigned project mentors Joe McLaughlin (California, US) and Eileen McNaughton (Wellington, NZ) to understand design requirements.

Project Link: <https://github.com/anuditverma/org.civicrm.osdi>

Tech Stack: PHP, REST APIs, JavaScript, JSON



airtel Suvidha

(During 24-hours Hackathon, 20 May 2017 - 21 May 2017)

Airtel Suvidha: A Recommendation Engine

- Awarded 1st prize in *Airtel WHack* 24-hours Hackathon, worked in a 4 members team to develop a recommendation engine for *Airtel*.
- *Suvidha* is a data analysis tool that studies user's usage patterns, recommends optimal plans based on the pattern that provides *Airtel* a better insight about their product's performance.

Details: <https://www.hackerearth.com/sprints/airtel-hackathon/dashboard/8856444/submission/>

Tech Stack: Flask-RESTful, MongoDB, JavaScript, Python, PHP

IoT Smart Home System: Undergraduate (B.Tech) Project

- Developed an Internet of Things (IoT) based Smart Home System, a webapp as a monitoring tool and mobile app for controlling the smart home devices.
- Smart home occupants can control AC's temperature, thermostat settings, lights and security doors.
- Utilized Raspberry Pi as a server for hosting the smart home system connected to the relay which then further communicates with these connected devices.

Tech Stack/Hardware: PHP, CSS, MySQL, Raspberry Pi 2 (Model B), Relay Switch

MAA (Medical Ambience App): Avaya Hackathon (6-7 May 2017)

- Utilized Avaya's SDK to create an Android App in a 3 members team.
- This app aggregates and analyses patient's vitals' feed and generates a Health Score Index (HSI) for doctors, in order to monitor patient's health.

Project Link: <https://github.com/anuditverma/MAA-Avaya-Hackathon>

Tech Stack: Android, PHP, CSS, JavaScript, Avaya SDK

Career Guidance & Placement Portal (March 2015 - October 2015)

- Worked with GGSIP University to develop a centralized portal for student placement activities and updates.
- Designed the overall theme and UI including login & members' login portal.
- Designed an upload handler to facilitate uploading process for students' resume.

Tech Stack: PHP, MySQL, JavaScript, Bootstrap Framework

TechSpace (Technical Club of USICT) Website (Oct 2015 - Nov 2015)

- Designed and developed the website for Technical Club of USICT which aims to bring all the clubs' activities on one cohesive platform.
- Developed registration/login portal using PHP, CSS and JavaScript for students interested in their choice of clubs.

Project Link: <https://github.com/anuditverma/techspace>

Tech Stack: HTML, CSS, JavaScript

Achievements

-  **SMART INDIA HACKATHON '17 Finalist** in April 2017, organised jointly by Government of India and Inter Institutional Inclusive Innovations Center - i4C, was selected to work on a problem given by Ministry of Human Resource Development (HRD).
- **ORACLE** Secured **2nd Position** in Oracle's OBELabs Coding Challenge at Oracle Code event held at New Delhi in May 2017.
-  **airtel WHack #WhatTheHack Hackathon Winner** in a four members team, event was organised by Airtel and HackerEarth in May 2017.
-  **5GFWD Social Media Challenge Winner** with a team mate at Oulu 5GFWD Hackathon organised by *UltraHack* at University of Oulu, Finland in June 2017.
- Secured **1st Position** in Codester Event at InfoXpression (Technical festival of USICT), GGSIPU in 2015.
- **Winner** in Field Hockey Tournament at Zonal Level in Delhi State by Directorate of Education, Govt. of NCT Delhi in 2010.

Honors & Awards

- **mozilla/a Take Back The Web Challenge** (May 2016 - July 2016)

Winner of the Mozilla Take Back The Web Challenge which is a University & College based campaign built on student leaders and mentors who are working together to raise awareness and empower other students to make choices about how their personal information is used online on the Internet.

- **International Olympiad 46th Rank Holder** (November 2010)

The International Informatics Olympiad, a test of competence and proficiency in computer science, is held annually at the national and international levels based on syllabus prescribed by CBSE/ICSE and the State Boards in the Month of Nov/Dec. Apart from syllabus, a part of test paper is based on mental ability and reasoning.

Publications

- **A framework of smart homes connected devices using Internet of Things**

Authors: Anudit Verma & Dr. M. Bala Krishna

Published in: Contemporary Computing and Informatics (IC3I), 2016 2nd International Conference on 14-17 December 2016.

Link: <http://ieeexplore.ieee.org/document/7918794/>

Experience

- **Class Representative, Computer Science & Engineering, Class of 2017**

Elected Class Representative for Class of B.Tech (Computer Science & Engineering) Batch 2013-17 USICT, GGSIPU for the Academic Year 2016-17.

- **Club Head & Speaker at GGSIPU-LUG** (August 2015 - Present)

Linux User Group (GGSIPU-LUG) club is meant to guide people interested in Linux and help them to prepare core IT/CS concepts, they learn about real world software development on Linux platform. The club aims to organize regular sessions where dev-ops enthusiasts together develop and exchange know-how in the world of Linux and Open Source.

- **Facilitator at Open Source Learning Club** (September 2015 - Present)

Through Open Source Learning Club (OSLC) educators improve courses, making their schools more effective; students find additional resources to help them succeed; independent learners enrich their lives and use the content to tackle some of our world's most difficult challenges, including sustainable development through open source technology.

Technical Skills

System Languages:	C/C++, Java
Back End:	PHP, Python, GO
Front End:	HTML5, CSS, JavaScript, jQuery
Database:	MySQL, MongoDB
Platform:	Linux, Windows, Android
Version Control:	git
Development Tools:	MatLab, Xilinx ISE, MS Visual Studio, NetBeans
Designing Tools:	Adobe Illustrator, Photoshop