Anudit Verma
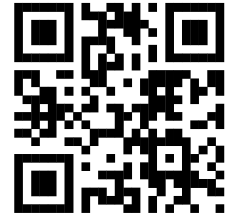
B.Tech│Computer Science & Engineering
University School of Information &
Communication Technology (USICT)
Guru Gobind Singh Indraprastha University
New Delhi, INDIA

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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 with* a better insight into their product's performance.

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

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

EY Contract Reader Tool (During 24-hours Hackathon, 4-5 November 2017)

EY Intelligent Automation Hackathon

- Winners at Ernst & Young (EY) Intelligent Automation Hackathon, worked with a four members team and developed Contract Reader Tool.
- Performs contract completeness check, extraction of relevant clauses, performs applicability checks and subsequently shares the result report.
- Predicts the most likely rate of tax deducted at source applicable to a particular transaction by reading keywords from the invoice and map them against rate master.

  Tech Stack: Python, MongoDB, pyPDF2, Textract, Natural Language Toolkit (NLTK)

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.
- 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 three 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, updates. Project involved designing the UI and functionality of login portal.
- Designed an upload handler to facilitate uploading process for students' resume.

  Tech Stack: PHP, MySQL, JavaScript, Bootstrap Framework

Achievements

- **EY** Ernst & Young Intelligent Automation Hackathon **Winner** in a four members team, the event was oraganised EY, and its Alliance Partners Automation Anywhere, IBM and Microsoft on 4-5 November 2017.
- **airtel** WHack #WhatTheHack Hackathon **Winner** in a four members team, event was oraganised by Airtel and HackerEarth on 20-21 May 2017.
- **ORACLE** Secured **2nd Position** in Oracle's OBELabs Coding Challenge at Oracle Code event held at New Delhi on 10 May, 2017.
- **5GFWD** *Social Media Challenge* **Winner** with a teammate 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), Guru Gobind Singh Indraprastha University (GGSIPU) in 2015.
- **Winner** in Field Hockey Tournament at Zonal Level in Delhi State by Directorate of Education, Government of NCT Delhi in 2010.

Honors & Awards

- **moz://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 the 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: Dr. M. Bala Krishna & Anudit Verma
  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