Kopal Gupta

http://kopal.co | https://kopalgupta.github.io/

gkopal97@gmail.com
GitHub: kopalgupta

EDUCATION	**Indira Gandhi Delhi Technical University for Women**	**Delhi, India**
	Bachelor of Technology (B.Tech.) in Information Technology	Aug'15 - present
	Expected Graduation: June 2019	
	Amity International School	**Mayur Vihar, Delhi**
	High School, Central Board of Secondary Education (CBSE)	May 2015
	Aggregate in grade 12: 95.2%	
	CGPA in grade 10: 10.0	

UNIVERSITY COURSEWORK

Year 1
Applied Mathematics I & II, Applied Physics I & II, Applied Chemistry, Environmental Sciences, Elements of Mechanical Engineering, Engineering Mechanics, Communication Skills I & II

Year 2
Discrete Mathematics, Data Structures, Database Management Systems, Object Oriented Programming, Analog and Digital Electronics
Advanced Engineering Mathematics, Computer Organisation and Architecture, Analysis and Design of Algorithms, Operating Systems, Object Oriented Software Engineering

SKILLS
- **Languages:** C/C++, Java, Ruby, HTML/CSS, JavaScript, Python, MySQL, SQLite, Node.js
- **Frameworks:** Rails, Sinatra, jQuery, Express.js, socket.io
- **Database Management Systems:** MySQL, SQLite, MongoDB, PostgreSQL
- UNIX/LINUX, Git/GitHub

RESEARCH

Kit for detection and removal of pesticides from the surface of fruits and vegetables
(Independent Research May 2013 - February 2015)
- Testing Mechanism for detecting commonly used pesticides in fruits and vegetables using chemically prepared test strips.
- Studying the efficacy of Activated Carbon for removal of pesticides from the surface of fruits and vegetables

Applied for a patent (Application number: 75/DEL/2015) at Intellectual Property Office, Delhi.

SELECTED ACHIEVEMENTS
- Won the **Third award** and cash prize at **LinkedIn Wintathon 2017** Grand Finale. Ranked among **top 50** women coders in qualification test.
- Won the **Oracle Grace Hopper Competition 2017**. Received **Full Scholarship** to attend **GHCI** 2017.
- Felicitated at **Arizona State University Sustainability Solutions Festival** 2015 for independent research work in Analytical Chemistry.
- Felicitated at **Rashtriya Avishkar Abhiyan** (National Innovation Scheme) Launch Ceremony 2015 for research work by Department of Science and Technology.
- Won the **Rob and Melani Walton Sustainability Solutions Award** and Scholarship at Intel International Science and Engineering Fair 2014.
- Won the **ISEF 4th Grand Award** and scholarship in Chemistry at Intel International Science and Engineering Fair 2014.
- Received the 1st Grand Award and Gold Medal at **Intel IRIS National Fair 2013**.

EXPERIENCE & TECHNICAL ACTIVITIES
- **Intern** at **autochat.io** from October 2017**.** Developing a **restaurant suggestion bot** for fb messenger using api.ai and Zomato api.
- Attended **PSOSN** (Privacy and Security of Online Social Networks) **Summer School** at **IIIT Hyderabad** in Summer 2017.
- Member of **Association for Computer Machinery (ACM)** IGDTUW Student Chapter. **Instructor** for **Open Source sessions** conducted by ACM IGDTUW Student Chapter.
- Member of **Society for Science and Public (SSP)** Intel ISEF Community.
- Member of **Entrepreneurship and Development Cell (EDC)**, IGDTUW.
- Member of the Organising Team of **TEDx** IGDTU.
- Head-Coordinator at **Taarangana**, Cultural Fest of IGDTUW.