

# Kopal Gupta

<https://kopalgupta.github.io> | [gkopal97@gmail.com](mailto:gkopal97@gmail.com)

## EDUCATION

### Indira Gandhi Delhi Technical University for Women

Delhi, India | Aug 2015 - Present  
B.Tech. in Information Technology  
Expected Graduation: May 2019

### Amity International School

Mayur Vihar, Delhi | May 2015  
High School, Central Board of Secondary Education (CBSE)  
Percentage in grade 12: 95.2%

## SKILLS

**Languages:** C/C++, Java, Ruby, HTML/CSS, JavaScript, Python, SQL, Node.js, PHP, R

**Frameworks:** Rails, Sinatra, jQuery, Express.js, socket.io, Spring Boot

**DB Management Systems:** MySQL, SQLite, MongoDB, PostgreSQL

**Version Control:** Git/Github, Perforce

**OS:** UNIX/LINUX

**Project Management Framework:** Agile - Scrum

## SOCIETIES & ACTIVITIES

### The Association for Computing Machinery (IGDTUW Chapter)

- Treasurer | Oct 2017 - present
- Core Member | Oct'16 - present
- Instructor for peer-to-peer sessions on Open Source and Web Development

### IGDTUW's Entrepreneurship and Development Cell (EDC)

- Member, Accounting and Finance department | AY 2016-17

### TEDx IGDTUW

- Member, EM team | 2017

### Taarangana (Cultural Fest)

- Head-coordinator, EM team | 2017

### Society for Science and Public (SSP)

- Member of SSP Intel ISEF Community | 2014 - present

## LINKS

**Github:** [kopalgupta](#)

**LinkedIn:** [kopalgupta07](#)

## EXPERIENCE

### Expedia Group | ASDE Intern

Gurgaon, India | June 2018 - July 2018

- Part of Expedia Worldwide Engineering (EWE) - Loyalty Engineering Oneteam (LEO).
- Worked on the DS tool's UI, performance issues and optimisation.
- Investigated ExpWeb and Storefront codebases (TnLs and A/B Testing)
- Worked extensively on the backend of the Loyalty platform ERS.
- Technologies used - Spring Boot, MongoDB, Expedia's UITK
- Project management framework - Agile (Mingle and JIRA)

### PSOSN Summer School | Attendee

IIIT Hyderabad | July 2017

- Worked on extraction and analysis of data from OSNs (Facebook and Twitter) using python ML and scientific libraries.
- Network Analysis and Visualisation using Gephi, NetworkX, igraph

## PROJECTS

### FindLoan - A loan aggregation and management tool

- A flexible CMS portal that provides up-to-date information about government Loan schemes to users.
- In accordance with the Startup India Hub and requirements of DIPP.
- A well-structured all-in-one portal for applicants and department officials.

### EduPal - Helping students explore opportunities in their fields

- Recommends relevant competitions and scholarships to students based on their LinkedIn profiles.
- Suggests students majors and colleges based on their profiles & interests.
- Assigns a tech score to students based on their GitHub contributions.

### SafeCitizen App - Safeguarding citizens against Monkey Menace

- A Smart CMS portal for citizens, PMC and monkey catchers. Also processes CCTV footage to detect monkeys & auto-register complaints.
- In accordance with PMCCare and requirements of PMC.

## SELECTED ACHIEVEMENTS

- **Niti Aayog Pune Smart City Hackathon 2018** - Top in priority theme.
- **Smart India Hackathon 2018** - Lead the team LinkedList under DIPP, Ministry of Commerce, won the third award at Grand Finale.
- **HackBMU 2018** - Won the GeeksforGeeks special award (AI track)
- **LinkedIn Wintathon 2017** - Won the third award at Grand Finale (ML track). Among top 50 coders in qualification test.
- **Oracle GHCI Scholarship 2017** - Received the full scholarship to attend the Grace Hopper Conference India 2017.
- **ASU Sustainability Solutions Festival 2015** - Got the full scholarship to present research work at Arizona State Uni.
- **Intel ISEF Grand Award 2014** - Won the 4th grand award in Chemistry for research work at ISEF grand finale in LA.
- **Rob and Melani Walton Sustainability Solutions Award 2014** - Won the Special award at ISEF for research work in Chemistry.

## RESEARCH WORK

**Equipment for for detection and removal of pesticides from the surface of fruits and vegetables** | Independent Research | May 2013 - Feb 2015  
Applied for a patent (Application number: 75/DEL/2015) at IPO Delhi