Kopal Gupta

https://kopalgupta.github.io | 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

Full Stack Web Development, Machine Learning, Testing, DevOps

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 | Associate Software Development Engineer 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
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 Web App
· 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 Web 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