Raghav Kumar

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I see the world as a network of connected systems. I study these systems and their relationships to build what I need, from what I have.

Educational Qualification

Qualification	Institution	Year Of Graduation	GPA/Percentage
Bachelor's Of Engineering	Netaji Subhash Institute Of Technology, University Of Delhi	2020	8.5(Till 5th Semester)
All India Senior School Certificate Examination(Std. 12)	DPS RK Puram, Central Board Of Secondary Education	2016	96.8%
All India Secondary School Exam (Std. 10)	DAV Bakhri, Central Board Of Secondary Education	2014	10

Projects (Tools & Skills Employed)

1. **Title Transfer** – An Ethereum Dapp to register and transfer properties among individuals on a decentralized network. **(HTML,CSS,JS,Bootstrap,Truffle,Solidity,Ethereum,Blockchain,Web Hosting)**

2. **Lokality** – A crime news classification engine that scrapped news from local news websites and classified them based on crimes involved. I developed the web scrapper and mined information from the text. **(Python, Web Scraping, Natural Language Processing, Beautiful Soup, NLTK)**

3. **Local Air Traffic Control (LATC)** – An architecture to monitor air traffic of drones ,geofence the air space to regulate movement of drones and report trespassing or incidents. **(Architecture, Software Engineering, Object Modelling)**

4. **Technical Trading Using Genetic Algorithms** – Finding the optimum combinations of Technical Indicators to maximize returns and minimize risk using Genetic Algorithm as heuristic.**(Soft Computing, Genetic Algorithms, Technical Trading, Python)**

5. **BlockNet Router** – Designing secure blockchain based routing algorithms for opportunistic networks using One-Simulator **(Opportunistic Networks, One-Simulator, Java, Object Oriented Programming)**

6. **NSITHealthBot** – A telegram chatbot that helped the user in identifying ailments based on symptoms and finding medicines for various ailments. **(Python,Telegram-API,MySQL,ODBC)**

7. **CVE Data Classification** – Built continuous and ensemble learning models to predict vulnerability score based on CVE data. **(Scikit learn, Python, CVE Security data)**

Positions Of Responsibility

1. **Director (Fintech)** , Finance And Economics Society of NSIT, July 2018 - Present
2. **Student Volunteer** , International Conference TEAMC 2018 , March 2018
3. **Core Committee Member** , HACKEAM 2018, January 2018

Languages & Tools

C/C++	5 years
Java	2 years
Python	1 year
Linux	1 year
MySQL	6 months
R	6 months
BeautifulSoup	6 month
TensorFlow	2 months
Telegram	1 year
NLTK	1 month
Django	1 month

Achievements

Top 30 Ideas, MoveHack, NITI Aayog, October 2018

Best Nation, Negotiation Table 2016, IIT Delhi

Interests

Poetry, Comedy, Finance, Fintech, Cybersecurity, Networks, ML, AI, Economics