


TARUN

Software Engineer

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 Gurugram, Haryana

 [Github](#)

 [LinkedIn](#)

 [Website](#)

ABOUT ME

- Completed MCA from Govt. PG College Sec-9, Gurugram, Haryana.
- A research student on Web Anonymity in PG College Sec-9, Gurugram.

SKILLS

Programming Languages:

- Python
- C/C++
- HTML
- CSS
- Shell Scripting

Databases:

- SQL
- NoSQL (MongoDB)

Technologies and Frameworks:

- Django
- Django REST APIs
- Tkinter
- Google Cloud
- Microsoft Azure
- AWS
- Git and Github
- CI/CD using Github and Jenkins
- DevOps

PROFESSIONAL EXPERIENCE

Senior Software Engineer at Capgemini

- Working at Capgemini as Associate-2 (Senior Software Engineer).
- September 2022-Present
- Worked on implementing IGMP protocol from scratch on a Packet generator device to adhere to RFC-3918 standards for IP multicast benchmarking.
- Worked on implementing LAG/LACP protocol in a Packet generator device.
- Worked on defects of VLAN, VSI, Switching, Routing.
- Built the Jenkins pipelines for 4 different products to create weekly regression builds to completely reduce the manual efforts by team.
- Worked on data extraction from various product databases to facilitate AI model training.
- Worked on generating packets from a network switch to use it for other testing purposes.
- Worked on solving different issues in the V2/V3 layer on a networking switch and packet generator..
- C/C++, Python, Jenkins, Shell Scripting, AWS

EDUCATION

Master of Computer Applications

- Govt. PG College Sec-9, Gurugram
- 2019-2022

PROJECTS

Password Manager:

- Created a GUI-based Password Manager to store and retrieve passwords with full encryption and security.
- Skills Used: **Tkinter, MySQL, Cloud Functions, and Python as Primary Language.**

Shared Clipboard:

- Created a GUI-based cross platform webpapper to store and share textual data across multiple devices.
- Skills Used: **HTML, CSS, Django, Microsoft Azure, SQL**

File Sharing Website:

- Created a website to upload and share files with a custom time limit.
- Skills Used: **HTML, CSS, Django, Microsoft Azure.**

AWARDS & ACHIVEMENTS

One Day workshop with ISRO

- Completed one day workshop with ISRO on Planetary Exploration of the Moon: Findings from Indian Remote Sensing Missions

Hacktoberfest 2021 and 2022

- Won Prizes in Hacktober fest 2021 and 2022.
- Link: <https://hacktoberfest.digitalocean.com/>

30 Days of Google Cloud

- Completed and won prizes in 30 Days of Google Cloud 2021.
- Link: <https://events.withgoogle.com/30daysofgooglecloud>

Digital Ocean Kubernetes Challenge

- Completed and won prizes in the Digital Ocean Kubernetes challenge in Nov-Dec 2021.
- Link: <https://www.digitalocean.com/community/pages/kubernetes-challenge>

INTEREST & HOBBIES

- Cricket (Represented college cricket team in different universities as Captain).
- Music (Love to listen to music in my free time).
- Chess
- Contribute to Open Source.
- Participate in Coding Events.