Anu Varghese

📞 (425) 306-1387   ✉ anuvarghese024@gmail.com   Linkedin/Anu ⌗

EDUCATION

Wichita State University, *Wichita , KS, USA*
Master of Science in Computer Science   *Jan. 2022 – Dec. 2023*

Mahatma Gandhi University, *Kerala, India*
Bachelor of Technology in Computer Science and Engineering   *Aug. 2014 – May. 2018*

SKILLS

- **Soft Skills**: Active Learning, confidence, Adaptability, Communication, teamwork, problem solving, work ethics, inter-personal skills
- **Cybersecurity**: access control, incident response, security protocols, cryptography, vulnerability management, Local and global traffic management, DNS, Wireshark analysis
- **Technologies & platforms**: Jupyter, Linux terminal, Visual Studio, MS office, MySQL Workbench,load balancers (F5, Citrix Netscalar, Radware Alteon, Pulse Secure) and Firewalls (checkpoint and ASA)
- **Programming Languages**: Python, JavaScript, C, C++, HTML, bash
- **Cloud Platforms**: IBM Watson and Microsoft azure

WORK EXPERIENCE

Wichita State University ⌗ , *Kansas, USA*
(*Graduate Teaching Assistant, School of Computing*)   *Jan. 2023 – Present.*

- Evaluating student quizzes, exams, and assignments
- Leading class discussions for enhancing knowledge and learning objectives of students
- Holding scheduled office hours to advise, provide feedback and address assignment related questions

Wipro ⌗ , *Kerala, India*
(*Network Security Engineer, SOC*)   *Oct. 2018 – Nov. 2021*

- Resolved more than 100 issues within a week by network packet analysis using Linux commands and Wireshark hence reducing security vulnerabilities by 95%
- Implemented over 20 security changes per week including network traffic access, active directory, and global traffic management as per clients' requirement which reduced up to 98% of cyber attacks
- Timely OS upgrades of F5 load balancer, Citrix NetScaler and carried out patches and hotfix installation for load balancers and firewalls which reduced up to 100% vulnerabilities and bugs
- Created a troubleshooting handbook of load balancer devices and Linux commands for reference to use within the team which considerably reduced the time taken for solving issues on a daily basis
- Organized knowledge transfer sessions for new team members in Security Operations Center(SOC) which helped in their smooth on-boarding to the team and project

CERTIFICATIONS & ACHIEVEMENTS

- Microsoft Azure cloud fundamentals AZ-900(March 2021)
- IBM Watson developer V4 (June 2021)
- Kore.ai virtual assistant platform developer (July 2021)
- Applied machine learning, applied plotting and charting - University of Michigan, Ann Arbor (Coursera) (August 2021)
- Deep Learning and Neural Networks by Andrew NG (Coursera) (August 2021)
- Secured Platinum badges in National Cyber League, a cybersecurity competition (April 2023)

ACADEMIC PROJECTS

Darkweb Forum Analysis   *Dec 2022*

- Used neural networks along with NLP concepts to study the actors involved in "wall street" dark web forum by analyzing the posts on the forum

TOR and non-TOR network traffic classification and analysis   *May 2023*

- Used network traffic analysis and machine learning algorithms to classify TOR and non-TOR traffic

VOLUNTEERING

- Volunteered for National Digital Literacy Mission, India by teaching basic computer classes for age group 10-55
- Volunteered in Wu's Big Event as part of Wichita State University Community Service Board
- An active member of Wichita University Linux User's group (WuLug)