Ankitha Venkata

Seattle, WA|ankithavenkata@gmail.com| (425)-894-1046 | LinkedIn | Work Status: US Citizen| Website

I am a Google Certified Cybersecurity Professional and (ISC)[2] Certified in Cybersecurity (CC) looking for roles in Security Analytics and Compliance. My engineering background has given me a strong foundation in communication systems and network security while my work experience at a security startup has allowed me to gain hands-on experience with log analysis, intrusion detection systems and other security tools. I believe studying on two different continents has given me the unique ability to navigate ambiguity, lead teams with diverse opinions and strengthened my technical acumen, helping me graduate as the Valedictorian of the MSIS Class of 2023.

EDUCATION

University of Washington – Michael G. Foster School of Business   **Seattle, WA**
Master of Science in Information Systems, GPA: 3.96/4.0 (Class Valedictorian)   June 2022 – June 2023
Relevant Coursework: Information Security, Security Policy and Governance, Cloud Computing

BITS Pilani University   **Hyderabad, India**
B.Eng Electronics and Communication Engineering   Aug 2017 – Aug 2021
Relevant Coursework: Communication Networks, Cryptography, Information Theory and Coding

WORK EXPERIENCE

Fortuna Identity   **Nashville, TN**
Data Analyst   July 2021 – Feb 2022
Cybersecurity startup specializing in Identity and Access Management for healthcare institutions
- Implemented **data mining** techniques in Python such as Frequent Pattern Growth Mining to improve the Intrusion Detection System (IDS) and reduced the number of false positives, saving 20 man hours per week
- Worked **cross functionally** with the business team and engineering team to conduct market research and designed dashboards for 3 types of stakeholders to visualize performance metrics
- Simulated an **ETL data pipeline** using R Shiny and developed a GUI to display 10 proposed dashboards

Data Analyst Intern   May 2020 – July 2020
- Conducted **log analysis** by utilizing ELK Stack and Wireshark to analyze tcpdump logs for trends amongst data packets that were raising false positive alerts
- Implemented a **contextual signature database** in Python for the IDS based on the metadata of safe packets
- Successfully filtered out false positive alerts bringing down the total alerts from 8.5 million to 50K per day

Airmeet   **Bangalore, India**
Business Analyst Intern   Jan 2021 – June 2020
- Handled all 40 clientele in the APAC and MEA regions, managing **client relations** and over $350K of business
- Harnessed the use of **CRM software**, Tableau visualizations and Metabase queries to analyze company data and made **data-driven decisions** on customer expansion, lining up $100K in the pipeline for the next quarter

SKILLS

- Areas: Information Security, Security Analytics, Data Governance Risk and Compliance (GRC), Data Analytics, Machine Learning, Quantitative Methods, NIST, Intrusion Detection System (IDS), Log Analysis, SIEM
- Programming Languages: SQL, Python (Pandas, Numpy, Matplotlib, Scikit-Learn), R (Dplyr, Ggplot2, Caret)
- Tools: Tableau, MS Excel, MS Access, Metabase, ELK Stack, PowerBI, RethinkDB, Wireshark, tcpdump, LINUX
- Certifications: AWS Cloud Practitioner, (ISC)[2] Certified in Cybersecurity (CC), Google Cybersecurity Certificate

VOLUNTEER EXPERIENCE & EXTRACURRICULARS

Girl Up Amara, Head of Publicity   **Aug 2021 – Aug 2022**
Led a team of 15 people in a United Nations Initiative to raise awareness on issues through outreach campaigns
BITSMUN Hyderabad, Head of Professional Events   **May 2019 – May 2021**
Spearheaded a new initiative and led a team to organize a large-scale event for an audience of over 500 people