

## Ankitha Venkata

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Work Status: US Citizen | Website: <https://ankitha-venkata99.github.io/>

I hold the CompTIA Security+ and ISC2 CC, with a year of experience working at a security startup, and am looking to continue growing in the field of Security Analytics and Consulting. My undergraduate degree in engineering has given me a strong foundation in communication systems and network security while my work experience has allowed me to gain hands-on experience with refining intrusion detection, reducing alert fatigue, and Identity Governance Administration in Saviynt. As the Valedictorian of the MSIS Class at the University of Washington, I look forward to using my determination, ability to navigate ambiguity and drive to excel to add value to your team.

### EDUCATION

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**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*

**Birla Institute of Technology and Sciences (BITS) Pilani University**

**Hyderabad, India**

Bachelor of Engineering in Electronics and Communication

August 2017 – August 2021

*Relevant Coursework: Communication Networks, Cryptography, Information Theory and Coding*

### WORK EXPERIENCE

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**Fortuna Identity**

**Nashville, TN**

Data Analyst

July 2021 – February 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 dashboard

**Airmeet**

**Bangalore, India**

Business Analyst Intern

January 2021 – June 2021

- 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

**Fortuna Identity**

**Nashville, TN**

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

### SKILLS

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- **Certifications:** [CompTIA Security+](#), [ISC2 \(CC\)](#), [Google Cybersecurity Certificate](#), [AWS Cloud Practitioner](#)
  - **Programming Languages:** SQL, Python (Pandas, Numpy, Matplotlib, Scikit-Learn), R (Dplyr, Ggplot2, Caret)
  - **Tools:** [Saviynt](#), Tableau, MS Excel, MS Access, ELK Stack, RethinkDB, Wireshark, tcpdump, Suricata, LINUX
  - **Areas:** Information Security, Security Analytics, Data Governance Risk and Compliance (GRC), Data Analytics, Identity and Access Management (IAM), NIST, Intrusion Detection System (IDS), Log Analysis, SIEM
  - **Languages:** English, Telugu, Hindi, French

### VOLUNTEER EXPERIENCE & EXTRACURRICULARS

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**Girl Up Amara, Head of Publicity**

**Aug 2020 – Aug 2021**

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 to organize a large-scale event for an audience of over 500 people