

Krishan Chadha . Jarvis Consulting

Technical consultant at Jarvis and Cybersecurity Diploma Graduate from the University of Toronto specialized in certain aspects such as bash scripting, cloud security (AWS/GCP) and Windows/Linux system administration. My interests for software and hardware became apparent to me when jailbreaking my first Iphone and having great respect for the individual who released this hack for anyone to use. This also brought about the question of security and exploits, thus my journey started in mastering cybersecurity/ethical hacking. Working as a technical consultant now and compliance analyst coordinating with data scientists in the past, has given me a good foundation to see both the big and small picture when thinking about cybersecurity from a compliance standpoint. The opportunity to apply and master my skills excites me, and i hope to do so at your company!

Skills

Proficient: Bash Shell Scripting, Linux/Windows System Administration, RDBMS/SQL, Cloud Computing/Security, Git/Gitflow Strategy

Competent: Docker, Python, Javascript, SDLC/Scrum, Nmap

Familiar: Metasploit, Regex, Wireshark, Burpsuite, SQL Sanitation

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_KrishChadha

Cluster Monitor [GitHub]: Design and implement a linux cluster monitoring solution, capturing hardware specs and real-time resource usage data. Store this data in a PostgreSQL database for generating resource planning reports. Use Bash scripts and automate data collection via cron jobs. Ensure the solution is deployable in a cluster environment, with source code managed on GitHub and the database provisioned using Docker.

Highlighted Projects

Anti-Theft Laptop Script [GitHub]: SDeploy a security script that activates upon login (guest honeypot user) to catch potential thieves. The script captures a photo from the webcam, connects to the strongest Wi-Fi signal, retrieves the current geolocation, and sends this data to an email or SSH server instantly. It also starts a keylogger to periodically send further information, helping to build a profile on the individual. Additionally, it includes a custom bootloader image that might be noticed by a computer repair shop if the thief attempts to reformat and sell the laptop.

Professional Experiences

Technical Consultant, Jarvis (2024-present): Designed and implemented monitoring solutions using Linux command-line tools, Bash scripting, and Docker. Created scripts to collect hardware specifications and real-time resource usage data, integrating these with PostgreSQL for storage and reporting. Managed source code with Git and GitHub, adhering to SDLC best practices. Worked closely with tech leads to enhance skills in Java, Python, and SQL. Gained proficiency in cloud computing, DevOps, and big data technologies, while developing strong communication, problem-solving, and leadership abilities.

Compliance Analyst, Exchange Bank of Canada (2022-2023): As a Compliance Analyst at the Exchange Bank of Canada, I ensured KYC AML/ATF compliance, prepared FINTRAC reports, monitored transactions, and screened alerts. I collaborated with data scientists to optimize backend systems, reducing false positives and improving alert accuracy. My work involved developing compliance procedures, leveraging analytics for transaction monitoring, and enhancing alert screening processes. I effectively coordinated with various departments and communicated clear reports to senior management, driving efficiency and accuracy in compliance operations.

Education

University of Toronto (2022-2022), Diploma, Cybersecurity - Recognition for best final project - GPA: 3.97/4.0

Pierre Elliot Trudeau HighSchool (2012-2014), High School, HS

Miscellaneous

- Reading Nonfiction and Science Fiction
- Nutrition and Longevity/Biohacking
- Cooking different Cuisines