

Eric Galego . Jarvis Consulting

Hi, I'm Eric a computer science specialist graduate from the University of Toronto. I began my software journey in high school developing and working with small applications to make my day-to-day life easier. From there I knew I wanted to continue my education in the direction of technology as I enjoyed working with new technologies and automating things I found to be tedious. To accomplish this I utilized numerous technologies such as Python, JavaScript, Jenkins, AWS services, and incorporated various third party libraries and APIs. I have a background in security from my first job in tech as an Application Security Analyst and am looking forward to utilizing and expanding my skills and knowledge from school and the industry to make me an asset to any future company I work with. I am an energetic and collaborative professional, eager to continue my journey in the tech industry, and keen on advancing my skills. Lastly, I bring a very positive and enthusiastic attitude to any workplace I join.

Skills

Proficient: Java, Linux/Bash, Python, JavaScript, React, RDBMS/SQL, Agile/Scrum, Jenkins, Git, Application Security (SAST and DAST), REST APIs

Competent: Docker, Django, Cypress, Kotlin, AWS and Cloud Technologies

Familiar: Selenium, C, Data Analysis, Computer Networking, Artificial Intelligence

Jarvis Projects

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

Cluster Monitor [GitHub]: Designed and developed an application to collect and monitor hardware data and machine resource data on designated host machines, leveraging a combination of Bash scripting, Docker, crontab, and PostgreSQL. It allows users in charge of the cluster of Linux machines to easily access usage statistics from the PSQL database and utilize SQL queries to collect important statistics such as the average amount of idle CPU time across various machines over select periods.

Java Grep Application [GitHub]: Designed and developed an application to mimic the functionality of the grep command line utility in Linux. This project is designed to collect and report lines that match a specified regex recursively in a provided directory. The application leverages a combination of Java 8, Docker, streams/lambdas, regex, and SLF4j. This provides users with a quick and efficient way to locate and extract information from large sets of text-based data.

Java Stockquote Application [GitHub]: Designed and developed an application that allows users to buy and sell stocks through a CLI to simulate a stock wallet. The application integrates with APIs to access real-time stock data, empowering users to make buying or selling decisions based on the latest market information. New data about stocks are updated in a PSQL database as well as the users current stock wallet. This application leverages a combination of Java 8, JDBC, PostgreSQL, Docker, Maven as well as JUnit and Mockito for testing.

Highlighted Projects

Web app for media (MotM) [GitHub]: Launched a social media platform utilizing Firebase, React, JavaScript, HTML, and CSS that helps users connect over their favourite pieces of media including movies, shows, video games, books, and music. Utilized Firebase Hosting and GitHub Actions to create live PRs and updates to a live site.

Web app (My Portfolio) [GitHub]: Established a portfolio site utilizing AWS CodeDeploy and Docker to host and make updates to the site. Implemented communication with various connecting clients via chat rooms with Node.js, Express, and socket.io. Dockerized the website in a container with client and server which was hosted on an EC2 instance.

Android Application (Pick-E-Eater) [GitHub]: Produced a savvy Android application making restaurant decisions a breeze with personalized filters and local eatery details. Implemented the application using Kotlin and Jetpack Compose.

Professional Experiences

Software Developer, Jarvis (2022-present): Engaged in diverse projects involving SQL, Linux, and Bash. Acquired hands-on experience and practical skills in these technologies to excel in software development tasks.

Math and Computer Science Tutor, Mathnasium (2021-2022): Initiated and led comprehensive math tutoring programs as the Head Math Tutor, collaborating with a team to create study plans, problem sets, and innovative learn-

ing initiatives. Successfully provided concurrent tutoring sessions for multiple students, fostering a collaborative and supportive learning environment in an online and in person setting.

Application Security Analyst, CaseWare International (2020-2021): Orchestrated and enhanced security testing initiatives for applications, overseeing both Static Application Security Testing (SAST) and Dynamic Application Security Testing (DAST). Achieved a significant reduction of high vulnerabilities by 95-100% in each application. Coordinated automation jobs through Jenkins and Python, ensuring 100% scanning coverage, including containers and third-party tools. Implemented and refined security test cases using Cypress for integration into the CI/CD pipeline, evaluating endpoints for authorization, authentication, and other critical security aspects. Provided support to developers and stakeholders, contributing to SOC2 compliance and minimizing the risk register. Other technologies used include: JavaScript/TypeScript, Jenkins, BurpSuite, OWASP Zap, Veracode, Github/GitHub Actions, Postman, AWS.

Education

University of Toronto (2017-2022), Bachelor of Science, Computer Science (Specialist) - University of Toronto Entrance Award

Miscellaneous

- Reading, I try to read at least one new book a month
- Art, I've been learning and working on new forms of visual arts and creative projects
- Music, I try and listen to one album a day! Open to recommendations, check my portfolio site for weekly recommendations!