SHAKIR ABDULLAYEV

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Education

University of Toronto

Honors Bachelor of Science - Computer Science Specialist and Business Minor   *Mississauga, Canada*

Awards

UTM Entrance Scholarship - Merit based award for students with a distinguished academic record

Relevant Coursework

- Software Engineering
- Algorithm Design
- Data Struct & Analysis
- OOP
- Operating Systems
- Database Design
- Cybersecurity

Technical Skills

Languages: Python, Java, JavaScript, React, Kotlin, C/C++, Mars Assembly, Bash Shell
Developer Tools: Android Studio, Linux, Bash, UiPath, JetBrains, Postman
Technologies/Frameworks: Scrum, Next.js, Neo4J, Docker, CI/CD, SQL, Jenkins, Github Actions, Cron Jobs
Routing and Switching: IP Suite, OSI Model, EIGRP, OSPF, TCP/IP

Experience

Veeva Systems | *Software Engineer*   **May 2023 - May 2024**

- Contributed to the Renditions Infrastructure Team, leveraging advanced technologies such as **AWS, Kubernetes, and Prometheus** to manage and optimize a system handling over 20 million monthly requests
- Diagnosed and resolved complex **multi-threaded code** issues, successfully identifying a critical unnoticed error that was causing false positives in cluster node availability, thereby improving overall system reliability.
- Participated in a comprehensive **intra-team cybersecurity audit**, conducting an in-depth analysis of dependencies and libraries to enhance and ensure the software's security posture.
- Upgraded **AWS instances and instance types**, ensuring backward compatibility and continuous availability across all regional clusters.

TD Bank Canada | *DevOps Software Engineering intern*   **May 2022 - September 2022**

- Contributed to a **KPI project** in the Platforms and Technology Division of the TD Bank
- Utilized **DevOps** technologies such as **Bitbucket, Jenkins, and Github Actions** to create solutions for the project pipeline
- Created a **webhook** between the scraper module of the KPI project and the database
- Worked on a **RestAPI** that sends data between scrapers and the project database.

BestComp Group Azerbaijan | *Networking intern*   **July 2019 - August 2019**

- Contributed to a project of the Ministry of Energy of Azerbaijan
- Utilized networking technologies to construct part of the internal network using **Routing and Switching** technologies
- Configured networking devices as per project requirements in a **large group environment.**

Projects

Exchange Guardian (PyJaC 2022 Winner) | *UiPath Studio, Forms*   **January 2022**

- Developed an **automation program** utilizing **UiPath**.
- Utilized the **web-scraping** package of UiPath to fetch data from the websites of **major Canadian banks**.
- Integrated UiPath **Forms** to display best USD-CAD exchange rates among major Canadian banks in an intuitive manner.

Personal Website | *React, Next.js*   **January 2022**

- Developed a Personal Website using **React and Next.js**.
- Deployed Next.js to have server-side rendering which created **higher engagement with employers** by reducing load times.
- Utilized **React, JS and CSS libraries** to design smooth transitions and effects such as **React Smooth-Scroll**