Arfaz Hossain

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www.arfazhxss.ca

SKILLS

Languages: Java, Python, SQL (Postgres), JavaScript, TypeScript, HTML/CSS, R
Frameworks: NodeJS, ReactJS, JUnit, MongoDB, Express
Databases: MySQL, PostgreSQL, MongoDB
Developer Tools: Git, Docker, GitHub Actions
Libraries: React, Express, NumPy

EXPERIENCE

DevOps Co-op   May 2022 – September 2022
Checkfront   *Victoria, BC*

- Utilized infrastructure management tools, including Terraform and Ansible, to design and execute security policies, enabling Checkfront Payments to attain full PCI compliance
- Diagnosed and resolved a critical bug in Filebeat and Logstash configuration within a Kubernetes environment, efficiently reducing backlog and processing over 25 million previously unprocessed logs weekly on Google Cloud Platform (GCP).
- Collaborated with a team of 5+ developers to effectively implement AWX Tower, and OAuth through Google workplace resulting in the efficient management of 30+ Ansible playbooks.

Software Engineer   Nov 2020 – Apr 2021
[REDACTED]   *Victoria, BC*

- Collaborated with a team to build a high-performance automation tool for the checkout process, generating over $100,000 in profits for users.
- Developed extensive knowledge on security solutions such as Akamai and Datadome's Anti-bot and priority queue systems to reduce detection of the automation tool by reverse-engineering their solutions.
- Designed a high-performance custom request library equipped with TLS Fingerprinting, TLS Hello, SSL, WebSockets, and Server-Push protocols, which led to a 75% enhancement in request processing and a 95% reduction in memory usage when compared to headless browsers like Puppeteer, ensuring optimal tool performance.

PROJECTS

DevOps Co-op   May 2022 – September 2022
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EDUCATION

Bachelor of Software Engineering   Sep. 2021 – Present
University of Victoria   *Victoria, BC*