



# Yalty Software Inc.

Contact: [info@yaltysoft.com](mailto:info@yaltysoft.com)

This internship is funded by the Government of Canada and work terms are under the **Digital Skills for Youth (DS4Y) Program**. DS4Y, an initiative from **Innovation, Science and Economic Development Canada (ISED)**, provides an opportunity for youth to gain valuable training and work experience needed for today's digital economy.

## DevOps Engineer

### Key Deliverables & Responsibilities:

- Deliver technical solutions for improving overall quality of AWS systems & processes.
- Participate in managing cloud infrastructure and pipelines, work with teams to identify and repair issues on an as-needed basis
- Write python lambdas
- Collaborate with developers in other areas such as game/app or UI/UX
- Design, implement and test agreed-upon infrastructures
- Research new technologies that will improve efficiency and effectiveness
- Analyze, design and evaluate automation scripts and systems
- Automate system monitoring processes
- Automate provisioning and scaling of services
- Responsible for troubleshooting problems, maintaining virtual environments, build processes

### Experience, Knowledge & Requirements

- A good understanding of AWS or other public cloud technologies.
- Very knowledgeable with Terraform
- Experience with automation & configuration management
- A good understanding of open source DevOps technologies and cloud services (experience with DevOps on AWS)
- Familiar with micro service architectures, multi-cloud, global or regional cloud deployment
- Knowledge of cloud technologies and cloud infrastructure, including networking (AWS preferred)
- Experience in creating a CI/CD (continuous integration/deployment) pipeline
- Experience with programming and scripting, with a preference for Python, bash, Javascript, etc
- Experience with containerization (Docker, etc.) and container orchestration (Kubernetes, etc.) in deployment and operations

### Skills and Abilities

- Strong written and oral communication skills
- Highly self-motivated and self-directed
- Strong, demonstrated customer focus (internal and external)
- Sharp analytical and problem-solving abilities with the ability to work on multiple assignments simultaneously
- Strong interpersonal skills.

### Working for Us

- Yalty Software is aiming to resolve low conversion rates at online retailers using an innovative loyalty concept
- This is a full-time position for six months (term may be extended)



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- You will be working home and interacting with a small team in an entrepreneurial setting working directly with the founders
- We have a flexible work schedule
- You will be mentored by the company's cofounders who have extensive experience in business and providing technical solutions

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