Andrew **Presland**

SOFTWARE ENGINEER · MACHINE LEARNING

Oberschlossfeld 33, Willisau, 6130, Switzerland

 (+41) 79-960-8333 | andrew.presland@gmail.com | www.presland.io | apresland | apresland

"Be the change that you want to see in the world."

Experience

AxonVIBE AG.   *Luzern, Switzerland*

DATA SCIENTIST   *Nov. 2018 - Jan. 2021*

- Provisioned an easily managable hybrid infrastructure(Amazon AWS + On-premise) utilizing IaC(Infrastructure as Code) tools like Ansible, Packer and Terraform.
- Built fully automated CI/CD pipelines on CircleCI for containerized applications using Docker, AWS ECR and Rancher.
- Designed an overall service architecture and pipelines of the Machine Learning based Fashion Tagging API SaaS product with the micro-services architecture.
- Implemented several API microservices in Node.js Koa and in the serverless AWS Lambda functions.
- Deployed a centralized logging environment(ELK, Filebeat, CloudWatch, S3) which gather log data from docker containers and AWS resources.
- Deployed a centralized monitoring environment(Grafana, InfluxDB, CollectD) which gather system metrics as well as docker run-time metrics.