

# Ivan Bauer

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## Workplace Experience

### Software Engineering Intern

Zooplus AG

May 2018 — May 2019

Munich, Bavaria | Germany

- >> Optimized Docker Build Slave images for Jenkins by consolidating simple images into the base image, reducing layers on images, and removing redundant images. Build and push time reduced by ~50%
- >> Decreased hosting costs and improved developer efficiency by building a REST API that launches/suspends all required applications for a specific app on AWS. Queries JIRA documentation to find requirements
- >> Developed end-to-end tests using Python and Robot Framework, tests run as a part of the Jenkins CI/CD pipeline for deployment

### System Administrator Coop

FSET Inc

May 2017 — Aug 2017

Kenora, ON | Canada

- >> Hosted applications and deployed Virtualized Desktop Infrastructure using Citrix for police forces across Canada, hosted with the inhouse data center
- >> Pushed SolarWinds monitoring agents to client desktops and scheduled automated routine tasks such as performing daily backups, and updating and running antivirus software

### Web Developer Coop

Mobile Innovations Corp

May 2016 — Aug 2016

Niagara Falls, ON | Canada

- >> Developed, maintained and updated websites for clients using a combination of AngularJS, HTML5, CSS3, and WordPress

## Projects

### MMA Countdown

Web App

June 2019 — Present

[github.com/imbauer/MMACountdown](https://github.com/imbauer/MMACountdown)

- >> Designed and developed a web app that displays data about all upcoming mixed martial arts events around the world
- >> Built using Node.js, MongoDB, Javascript, HTML5, CSS3, and EJS. Deployed using 3 Docker containers and Kubernetes
- >> Upon commit, project runs tests through the Jenkins CI/CD pipeline and redeploys code to AWS automatically.


### Personal Jenkins


CI/CD Tool for Personal Projects

Dec. 2018 — Present

[github.com/imbauer/JenkinsInDocker](https://github.com/imbauer/JenkinsInDocker)

- >> Used docker-compose to deploy a Jenkins instance, with an nginx reverse proxy in order to connect the containers to the outside internet
- >> Host Jenkins on an AWS EC2 container with public URL 13.59.255.185
- >> Setup a web-hook in my website's GitHub repository resulting in pushed commits being automatically pushed to my website's FTP server based on the [Jenkinsfile](#)

 [imbauer.com](http://imbauer.com)

 [github/imbauer](https://github.com/imbauer)

 [linkedin/ivanbauer](https://www.linkedin.com/in/ivanbauer)

## Education

### Bachelor of Software Engineering

McMaster University, Canada ON

Graduation — April 2020 [Expected]

## Languages

Javascript

Java

Python

HTML5

CSS3

## Technologies

Node.js

EJS

Docker

Kubernetes

Jenkins

AWS

MongoDB

Spring Boot

Oracle DB

Flask

## Interests

Microservices

Auto Scaling

Martial Arts

Dev Ops

Simple UI/UX Design