About Me

I'm a DevOps engineer / SRE focused mainly on AWS. I greatly enjoy learning about how things work and how they can be combined to solve a problem. Automating processes and making individual components work together in a way that provides value is super gratifying to me. I like to use open-source software whenever possible and I'm continually impressed that something like Linux exists and is free. Outside of work I enjoy nature, the drums and trying out new things.

Personal Details

Name	Pascal Bättig
Date of Birth	16.03.1989
Nationality	Swiss
Languages	German (native), English (proficient)
GitHub	https://github.com/pbaettig
LinkedIn	https://www.linkedin.com/in/pascal-bättig

Education

1996 - 2005	Primary & secondary school
2005 - 2009	Apprenticeship IT System Engineer at Rieter.
2013 - 2014	CAS in Object Oriented Programming (C# / Java)

Core Skills

Systems	Setup & operation of services on linux VMs, containerised or serverless. On-premises or in the cloud.
Automation / Dev	Replacing manual processes by using custom tooling written in Go, Python, Bash or with standard tools like Ansible, Terraform etc. Setup of CI/CD pipelines to optimize Developer productivity and build reliability.
Operation	Ensuring availability and performance of workloads by defining and monitoring key metrics. Identifying failure modes and defining plans to enable quick recovery from incidents

Experience

Sept. 2019 - now: Senior DevOps Engineer / Lead DevOps   @ Tundra

DevOps / Infrastructure Engineer with a team-lead role in a dynamic, global eCommerce company. Ensuring site availability and developer productivity.

Interesting projects:

- Airflow Infrastructure & DAGs for loading data from custom application to data warehouse
- Terraform codebase migration 0.12, with custom tooling in Python to aid in discovery and migration
- Service to receive analytics events and store event details in Redshift. Based on Go & Kafka
- Service to provide a public API to the core product, based on Go and Python
- Monitoring of services and infrastructure with Prometheus and Grafana

Day-to-day:

- Maintenance and improvement of Terraform codebase
- Support development in infrastructure & tooling questions
- Writing tools and automation

- Troubleshooting production incidents

Aug. 2018 - July 2019: DevOps Engineer @ Kistler Instrumente

DevOps Engineer in a small team trying to bring an on-site / in-field measurement IoT application into the cloud.

Interesting projects:

- Backend API authentication using traefik and custom service written in Go
- Prometheus / Grafana monitoring including custom Python service for gathering metrics from IoT devices
- Golang service to be deployed on in-field deployments to gather Docker swarm metrics for later analysis

Day-to-day:

- Set up of Kubernetes clusters using kops in AWS for testing and demonstrations of the application
- Supporting developers in infrastructure questions
- continually improve & automate AWS infrastructure

Sept. 2016 - June 2018: System Engineer / DevOps @ Siroop

System Engineer in a small team ensuring smooth operation of the eCommerce platform on AWS and supporting developer velocity.

Interesting projects:

- Fully automated setup of linux QA instances to increase developer productivity, including dashboard application to perform most common tasks without needing to SSH into the machine
- Fully automated Elasticsearch cluster on linux using Terraform, Ansible and custom Python scripts running the production search engine for the store
- Small web application to trigger website content updates for marketing team

Day-to-day:

- Preparing releases and deploying to prod
- Maintenance & improvement of infrastructure and linux services in AWS
- Continually improve monitoring and participating in 24/7 on-call rotation

June 2015 - July 2016: System & Support Engineer @ LzLabs

"Jack of all trades" managing internal IT on-site / co-located systems and helping developers with the internal development systems.

Interesting projects:

- Implemented automated device backup system using expect and bash
- Redesign and Migration of companywide Subversion system
- Implementation and introduction of log analysis based on the ELK stack running on linux

Day-to-day:

- Maintenance & improvement of infrastructure and linux servers
- Ensuring regular backups of VMs, data and configs
- Providing IT support to other employees

Feb. 2011 - May 2015: System Engineer @ Rieter

Classic IT System engineer in a global enterprise environment, designing infrastructure systems and providing 2nd / 3rd level support for local IT in branch offices.

Interesting projects:

- Design of new infrastructure standards for branch offices ranging from 10 - 300 employees. On-site implementation in Tashkent, Uzbekistan.
- Automated system in Powershell for syncing HR data from SAP to Active Directory
- ITIL configuration management system and custom integration to vSphere to deploy VMs using data from that system

Day-to-day:

- 2nd and 3rd level Support for IT departments of global branch offices
- Datacenter operations and infrastructure rollouts
- Operation & Troubleshooting of vSphere installation & Windows Servers

Nov. 2009 - Jan. 2011: Support Engineer @ GBS

IT-Supporter in a vocational school helping teachers and administrative staff with their computer problems.

Interesting projects:

- Introduction of new digital signage solution
- Migration and support for website migration to new hosting provider
- Maintenance of custom PHP intranet application that covered everything from telephony system configuration to employee data management

Day-to-day:

- Providing IT support to employees and teachers