Niels Stevens

Senior Software Engineer

Belgium

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Work experience
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Senior Software Engineer at Blendle   2015 – Present

At Blendle, I developed, deployed, and maintained several distributed (a)synchronous microservices in Ruby, Golang, and Python following TDD and BDD best practices. I've also managed our cloud infrastructure, networking, and CDN, including monitoring and alerting for our Kubernetes cluster and applications.

- Lead the migration project from Adyen to Stripe, including migrating existing customer payment details. Also, implementing a service to keep track of Stripe subscriptions and develop the interface for our client apps to communicate.
- Accomplished increasing the speed (4m/rows per second) of our newsletter recommendation pipeline by designing and implementing a storage service to persist and read personalized selection of articles per customer. Reducing the time to delivery by 30%.
- Implemented a system to send personalized emails from a collection of articles, taking into account users' preferences and a time constraint sending out 300k~400k within ±40 minutes timespan.
- Migrated our databases from 3rd party database provider to Google Cloud SQL. Research, discuss strategy and execute the plan. Reducing the latency by 10~20%, which increased the throughput of our microservices.

Ruby, Golang, Python, PostgreSQL, BigTable, ElasticSearch, Kubernetes, Google Cloud, Terraform, Apache Kafka, Prometheus, Grafana, Jenkins

Senior Software Consultant at Hodari   2012 – Present

As a self-employed senior software consultant, I've helped businesses to develop custom applications to make their work more efficient and integrate with their already existing software packages were possible. I am taking care of the whole process from design and development to the final deployment and monitoring.

Ruby on Rails, Golang, Apache Camel, MySQL, ElasticSearch, Kubernetes, Google Cloud, TDD, BDD

Software Consultant at Kabisa   2011 – 2015

- Designed, developed, and deployed a customer shipping portal. To order, track and document shipping containers in collaboration with customs authorities across the world.
- Implemented health care backend service written in Golang for Philips Health Solutions.
- Developed an enterprise integrations platform to facilitate customers to connect different API's without any technical knowledge, through a drag and drop UI.
- Provided first-line support for several customers with projects, managed their infrastructure on Hetzner, Linode, and AWS.

Ruby, Ruby on Rails, Golang, CoffeeScript, Backbone JS, Sidekiq, Redis, MySQL, Postgresql, MongoDB, Apache Karaf, Apache Camel, Docker, AWS, Linux, Jenkins

Education & Certifications

2006 – 2010	Bachelor of Applied Sciences
	XIOS, Hasselt, Belgium
2018	Networking in Google Cloud Platform Specialization (Cloudera)
2018	Certified Kubernetes Application Developer

Tech skills and competencies

Ruby, Golang, Python, Google Cloud Platform (GCP), AWS, Linux, Kubernetes, Docker, Prometheus, Grafana, Ruby On Rails, Sidekiq, Terraform, Ansible, Git, Github, PostgreSQL, MySQL, ElasticSearch, Redis, BigTable, Apache Kafka, Jenkins, Agile, Unit Testing, TDD, BDD, Continuous Integration (CI), Continuous Deployment (CD)