

Dani Hodovic

Software engineer



I'm a curious problem solver that has worked across all parts of the stack - from frontend development to DevOps / SRE work. I have experience with companies of all shapes and sizes - from bureaucratic behemoths to chaotic five-man startups.

I don't constrain myself to any particular technology or language, although I do have favourites (Python & Django, Terraform & Ansible, Linux & Docker). I like to solve real problems using pragmatic tools.

- DevOps practises:
 - CI/CD pipelines & automated deployments
 - Monitoring, alerting and uptime guarantees
 - Infrastructure as code using Terraform & Ansible
 - Application design - cloud migrations & scalable architecture
- Backend development:
 - Fullstack development with Python & Django
 - Microservices & HTTP API's using Node.js.
 - Interactive visualizations with D3.js

Work experience

Creator - findwork.dev

Feb. 1, 2019 - Present

I wasn't satisfied with the remote job boards that existed so I created an aggregator that displays jobs from all of them. Django / Scrapy

Lead engineer - [Confidential Telco](#)

March 1, 2020 - Present

Building features for a large Telco client. Django / Ansible / dedicated servers

Lead infrastructure engineer - [Ambrosus](#)

May 1, 2018 - Feb. 1, 2019

I led the deployment of 120 Ambrosus nodes across three AWS regions. These nodes formed the backbone of Ambrosus network.

- PoA network using Parity.
- Network resilience and failure recovery using AWS autoscaling groups.
- Monitoring and error detection using Prometheus & Grafana.
- Off-chain storage using Node.js and MongoDB.

Lead infrastructure engineer - [Stackshuttle](#)

March 1, 2018 - June 1, 2018

I set up the AWS infrastructure for Roomigo. [Roomigo](#) is a Dublin based flatsharing app.

- Elixir app on AWS EC2
- Postgres RDS as the database
- AWS VPC for network isolation and ALB as the reverse proxy.

Senior software engineer - [Contentful](#)

Oct. 1, 2015 - March 1, 2018

I spent three great years at Contentful and developed many core API's and features.

- Architecture and the implementation of the component that powers the Developer Environments.
 - <https://www.contentful.com/developers/docs/concepts/multiple-environments/>
- Wrote the rate limiting layer with OpenResty and Redis.
- Designed and implemented the Upload API.
 - <https://www.contentful.com/developers/docs/concepts/images/>
- Wrote the implementation behind the select operator which strips down responses for mobile clients.
 - <https://www.contentful.com/developers/docs/tutorials/general/modifying-api-responses/>
- Wrote auxiliary services responsible for data aggregation and billing.

Software Engineer - [Ericsson](#)

May 1, 2014 - July 1, 2015

I built a project which extracts and analyses metrics on source code. This was used to identify complex and problematic components in the Ericsson network infrastructure.

- Used Django as an API layer to expose software metrics.
- Used D3.js to visualize the metrics for end-users and to quickly identify problematic components.
- Wrote my [thesis](#) on how the number of contributors affect software quality.

Writing

- [Advanced usage of Python requests - timeouts, retries, hooks](#)

Feb. 28, 2020

- [Testing Cloudflare workers](#)

Oct. 28, 2019

- [SEO friendly urls in Django](#)

Nov. 07, 2019

- [Adding charts to Django admin](#)

Oct. 28, 2019

- [Optimizing Postgres full text search in Django](#)

Nov. 25, 2019

- [Assigning the Ethereum enode url](#)

Oct. 27, 2019

- [Securing a site with Letsencrypt, AWS and Terraform](#)

- [Extending Ansible with callback plugins](#)

- [Re-using existing ssh keys on Google Cloud](#)

- [Encrypting secrets with AWS KMS](#)