

# VLAD TEMIAN

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## EXPERIENCE

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### QED

09/2020 - present

- We're bootstrapping and scale startups - QED
  - Lektrico - Technical Lead - React Native app for managing EV chargers.
  - Lektrify - Devops - Designed and implemented infrastructure and automations for all microservices used in managing EV chargers on AWS using Terraform.
  - HeyLady - Backend and Devops - Designed and implemented backend for a LMS for learning english through social meetings using NestJS and Heroku.
  - Tagarer - Backend and Devops - Implemented and deployed microservices for processing ML tasks in an distributed environment.

### Sandbox

04/2022 - present

- Tech Lead for the Sandbox platform. We're building a platform for creators to manage their business.
  - Lektrico - Technical Lead - React Native app for managing EV chargers.
  - Lektrify - Devops - Designed and implemented infrastructure and automations for all microservices used in managing EV chargers on AWS using Terraform.
  - HeyLady - Backend and Devops - Designed and implemented backend for a LMS for learning english through social meetings using NestJS and Heroku.
  - Tagarer - Backend and Devops - Implemented and deployed microservices for processing ML tasks in an distributed environment.

### Knowledgecoop (ex Mindquilt)

11/2020 - 2022

- LMS for mortgage industry. Currently, we're re-implementing the entire app with Nextjs, Hasura and GraphQL.
  - Implemented the entire analytics infrastructure using Clickhouse.
  - Various infrastructure and database improvements. Migrated from MySQL to Postgres.

### Presslabs

10/2013 - 04/2018, 03/2019 - 09/2020

- We're open-sourcing WordPress hosting using Kubernetes operators. Currently, I'm focusing on migrating all of our clients to Kubernetes. Previous projects:
  - Integrated Kubernetes with the old infrastructure and systems, using Go to synchronize the state between them.
  - Lead a team of 4 people that were in charge of designing and implementing the client facing and operational dashboard. I've refactored old services (site deployment and operations, Git integration, SSL certificates pipeline) and integrated new ones (contracts/payment gateways/logs/metrics), written using Python/Django/MySQL/Celery/Redis on top of Kubernetes.
  - Designed and implemented a FUSE filesystem, written in Python, on top of Git, called Gitfs. It's open-source and it was used in production as 'Git for SFTP'. Battle-tested with hundreds of running instances, on individual machines.
  - Created a cache invalidation system for the edge network.
  - I'm active in maintaining the current infrastructure with various devops operations.

Gorgias

04/2018 - 03/2019

- Contractor for a seed startup, that automates customer support for e-commerce.
  - Created and maintained data integrations. It involved both client-facing (React) and backend work (Python/Flask/Postgres/Rabbitmq).
  - Implemented client facing features, with direct revenue impact. It involved data processing and asynchronous logic.
  - Improve and maintain the infrastructure on top of Kubernetes. Automated the staging cluster provisioning.

SimplySocial

06/2012 - 12/2013

- Social media analysis and content management startup. I've worked on backend and infrastructure.
  - Worked on monitoring, alerting and alarms system.
  - Developed the integration with LinkedIn.

Mindquilt

06/2011 - 08/2011

- Implemented Google App Store integration for main based product and I worked on the Bing search integration.

## EDUCATION

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West University of Timisoara

2013 - 2016

- B.S. in Computer Science at the Faculty of Computer Science and Mathematics

## PROJECTS

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- Meetups co/organized: RoPythonTM, Algorithms Meetup, Hack&Tell, Code4Romania.
- Various Python libraries: gitfs, django-server-timing, buffpy, zipa.
- Jury Member for Infoeducatie (National Contest for Computer Science high school students). Helped to migrate the old site to a single page app, written in React.