

Martin Kačmar

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Work experience

ContentKing - Software Engineer

February 2020 - Present

Node.js TypeScript Supervisor Redis RabbitMQ

I've worked on rendering of HTML pages relying on client-side JavaScript by utilizing headless Google Chrome.

DutyPay - Software Engineer (via Toptal)

April 2019 - Present

Node.js Azure Kubernetes Service Azure Functions Docker Azure Cosmos DB Redis Azure Queues Azure Blobs

Vue.js

I've created an architecture for **asynchronous data processing** from various sources with focus on **horizontal scalability** and I've also worked on implementing proposed design.

Whole processing pipeline consists of loosely coupled microservices connected via **Azure Queues** and **REST APIs**.

I've also developed a bespoke **rule engine** to allow data **validation and sanitization** based on customer-specific business rules and Vue.js components to interact with created APIs.

Cimpress Technology - Lead Software Engineer

July 2017 - January 2019

Node.js Docker Kubernetes PostgreSQL Amazon DynamoDB Amazon SQS Amazon S3 React

I was leading a software team within Logistics organization responsible for building software used for carrier selection, shipping planning and automated package sortation.

I've worked on various microservices connected via REST APIs and message queues within Logistics Platform.

My responsibilities consisted of **technical leadership**, contributing as an individual software engineer and career management for members of my team.

iflix - Software Engineer

January 2017 - June 2017

Node.js AWS Lambda AWS CloudFormation Kubernetes PostgreSQL Amazon DynamoDB

I've worked on integrations with partner TELCOs in Africa and Asia. Some of the challenges were keeping data consistent across the architecture of microservices.

SalesChamp - Lead Developer

August 2011 - December 2016

PHP

Ansible

Supervisord

MySQL

MongoDB

RabbitMQ

Backbone.js

I've created the **architecture for both back-end and front-end** of software focused on improving workflow of door-to-door sales force.

The system allowed for **modular integrations** with 3rd party client APIs, asynchronous imports and exports of data and reporting functionality.

I was responsible for **technical leadership** and implementation of both back-end and front-end features.

Freelance - Software Engineer

2008 - 2012

PHP

MySQL

JavaScript

I've worked on various small to mid-size web-based projects as external developer.

Other experience and interests

- I'm proficient with standard tools and practices such as **git, test driven development, continuous integration, infrastructure as code, agile methodologies** etc.
- I'm fluent in English in both written and spoken form.
- I've used various **GNU/Linux** distributions and have extensive experience with **POSIX shell scripting**.
- I'm generally interested in **compiler development and distributed systems**.
- I've written software in **C, C++, Go, Lisp (Racket)** for personal / non-commercial projects.
- I've co-organized meetups for local programming community from 2013 to 2017 (BrnoJS).