



# Tim Cabbage

Tymoteusz Kapuściński

Worked in IT since the age of sixteen, integrated and designed complex systems and APIs ranging from encryption through decentralized synchronization to search engines. Cofounded 4 startups. Occupied many roles including, CEO, CTO, Architect, Product Owner, Instructor, Designer, Developer and Administrator.

Areas of expertise:

**Product Owner** - design and implementation of a full solution to a business case

**Team Lead** - mentorship, data-driven decision making, personal growth support

**Architect** - large scale design of complex systems, analysis and prototyping

**Fullstack developer** - most recently React/Node.js, TypeScript

## Contact

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## Technologies

Node.JS

React.JS

Azure

MySQL

Apache Kafka

C#

AWS

React.JS

Java

AWS

Canvas

Jira

Bitbucket

Jenkins

Node.js

React.js

TypeScript

WebRTC

Socket.id

MediaSoup

## Nutristyle

### Product Owner, Team Lead, Architect

(Dec 2019-2023, ongoing)

Rescued a broken application from a previous contractor. Moved it from C# and Angular to Node.JS and React, Re-engineered it from the ground-up with a multi-server architecture and horizontal scalability with Apache Kafka in mind.

Took care of the entirety of client interaction and business requirements, translated those into milestones and tasks for execution. Later built up my team to a total of four people with two more planned.

[NutriStyle.com](https://NutriStyle.com)

## Sabre

### Team Lead, Architect

(2017-2018)

In the architecture team, our task was to do pre-production on various projects, analyze systems, set up frameworks, API systems, interactions, and to figure out solutions to business cases.

A single person from my team would be assigned to a particular project where for the next 3-4 months they would make sure the target team is able to finish the project. We would perform training sessions (usually teach people with exclusively Java experience to become adept at writing frontend applications and integrate into the ecosystem as well as how to design backend properly).

## VTChat

### One-person open source project

(2023)

VTChat is a videoconferencing solution aimed at simple deployment, low latency and scalability. Most available open source projects suffer from legacy problems like high latency and server resource usage. VTChat provides a simple solution to that via WebRTC and a Selective Forwarding Unit via MediaSoup.

There's quite a lot of functionality I plan on adding to it, contained in the project in github but as it is right now, solution is usable.

[VTChat github page](#)

# Technologies

PHP

Java

Plain Javascript

Affiliate system APIs

SOLR

Linux

MySQL

XEN virtualization

Server management

Physical server sales

React.JS

Node.JS

Bash

Java

Node.JS

Too many to list

Javascript

React.JS

Redux

Postfix

Dovecot

Clamav

# Findch.com

## Cofounder, Developer, Product Owner

(2012-2014)

Findch was a product aggregation and search engine designed to contain up to 350M items and scale horizontally.

I cofounded the startup and worked on many areas of the system, mostly technical role. Designed, prototyped and implemented a distributed image caching system. Created the document structure, setup and managed a distributed SOLR cluster. Translated business requirements to technology choice and feature implementation. Frontend implementation: One-page JS+CSS+HTML5+AJAX responsive UI with endless scroll. Designed and implemented a backend UI for product sorting and page management. Debugged all system elements including 4 different Java applications, 2 frontend (HTML+JS) and one PHP application. Designed the SQL databases. Optimized MySQL on Linux performance under heavy load.

# Gensys.pl

## Cofounded with my brother

(2008-2020)

IT company I created with my brother, with multiple projects done.

During the lifetime of the company we completed many projects including: STMIS Polska in Zakłady Azotowe w Tarnowie Mościcach is using our software in their day to day work, hosted on our servers on a xen cloud. Provided and installed hardware in a hospital serverhouse. Gensys provides a private mail server, backup services and many others. Since my brother moved on to architecture work in other areas, and I had other opportunities, company is being gradually shut down.

# Internal MTA management system

## One-person project

(-2017)

PHP based system for creation of mail users, virtual mailboxes in multiple domains, configuration of self-learning spam filter and auxiliary features.

- Design, implementation of LAMP stack based backend.
- Configuration and setup of Postfix, Dovecot, MySQL, ClamAV, SpamAssassin and RoundCube for proper mail validation and spam filtering
- Bash scripts to monitor and notify the administrator about possible issues.

# ...and others

See [TimCabbage.com](http://TimCabbage.com)