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NCR Corporation

Jan 2020 – Mar 2020



- **React Native developer (senior)**

Large mobile app for restaurants, 50+ devs, redux. Focused on performance and advanced topics. A [lecture](#) about RN given. The project ended by the company's choice.

Kiwi.com

Oct 2018 – Dec 2019



- **Fullstack developer (senior)**

Developed React apps with SSR & graphql backend. One project in a multiplatform setting with React Native and React Native Web. Accent on quality, testing, and UX. Used flowtype, Jest, cypress.io, Relay. Lecture on [Web Maps](#) given.

GoodData Corporation

Sep 2017 – Jul 2018



- **Node.js and React developer**

Delivered React library [GoodData.UI](#) and working on the company's rich SPAs. The focus was on quality and testing (jest, backstopjs, testcafe, graphene), code written in Typescript.

Winsite a.s.

Feb 2015 – Jun 2017



- **Java EE Engineer**

Complex Java EE & SE projects in the financial segment. Payment system (EPS) for petrol stations, bank connectors, POS. Worked with Oracle SQL, Hibernate, binary messages ISO8583, socket communication. Contracted to Wincor-Nixdorf.

- **AngularJS, HTML5 & node.js developer**

SPA applications, full-stack JS, several big projects, git lectures, API analysis, etc.

Clevis s.r.o.

Apr 2008 – Sep 2014



- **Backend PHP developer**

PHP, Nette MVC, MySQL, ORMs, big CRMs, launched bike-sharing service *rekola.cz*

Self-employed

Jan 2005 – Dec 2017

- **Freelance Webdesigner**

Created 30+ websites & developer own CMS (github.com/zbycz/npress).
Coding, e-shops, ads – links here: zby.cz/zivotopis.html

Gymnázium Jana Keplera High School

Sep 2014 – Jun 2015

- **Informatics Teacher**

Prepared 15 students for final exams + guided their projects – github.com/gjkcZ/gjkcZ

Education

2013-2016

Czech Technical University – Faculty of Information Technology

Software engineering, Ing.

thesis: *Indoor mapping in OpenStreetMap* (zby.cz/thesis)

2011-2013

Czech Technical University – Faculty of Information Technology

Theoretical informatics, Bc.

thesis: *Minimizing elevation gain in route planning*

2009-2011

Charles University in Prague – Faculty of Mathematics and Physics

Theoretical Informatics, unfinished

Volunteer projects

- **openstreetmap.cz**
 - maps & community portal – github.com/osmcz/osmcz
 - given 15+ workshops/lectures – osmap.cz/skoleni
 - organizer of local SotM conference – osmap.cz/sotm/2016
- **JavaScript Maps lectures**
 - Central Europe Tech Week (2019) – github.com/zbycz/maps-talk
 - GDG jsDevMeetup (2017) – youtu.be/QIWCHEAVBew
- **casopisy.skaut.cz**

Crowd-sourced categorizing of 800+ PDFs – github.com/zbycz/casopisy
- **rekola.cz**

Helped to start the first version of community bike-sharing in Prague (2013)
- **Boy-scouts leader**

The main leader of the 137th troop in Prague (2008-2018)

Other skills

- English (C1), German (A2), Czech (native), Driving license, First aid course