

DAVID BIRO
FULL-STACK WEB
DEVELOPER



Experiences / Jobs

Mobile application for a safety clothing webshop @ Stylers Kft.

Nuxt

PWA

Ionic framework

Cordova

CapacitorJs

Android

iOS

Dec 2020 - present

Gitlab CI

OneSignal (Push notifications)

There was a website that I had to transform into a mobile application.

Pylon utilization software for ELMŰ @ Stylers Kft.

Vue

PHP

Lumen framework

Docker

Gitlab CI

Python

Flask framework

Apr 2020 - present

MSSQL

SCSS

It's a renovation of an old Windows application written in Visual Basic. Unfortunately, technology options was very limited, but we try to max it out.

HVG 360° @ Stylers Kft.

Docker

SH

NodeJS

Typescript

React

SCSS

Python

Django

Jan 2020 - May 2020

Saleor

GraphQL

Apollo

Gitlab CI

Swagger

Mocha

PostgreSQL

MongoDB

It's a work in an outstanding team at Stylers. We brought a modern microservice architected system for the HVG's new online magazine. I worked on almost every microservice.

Scheduler for Bayer @ Stylers Kft.

React

Typescript

Dec 2019 - Feb 2020

One other developer and I internationalized the whole application while making some refactorings.

Cleansheet for McKinsey @ Stylers Kft.

NodeJS

Mocha

React

Typescript

MySQL

Oct 2019 - Dec 2019

One other developer and I joined a team to develop some new features to an existing project.

OTS @ Stylers Kft.

Python

Angular

Typescript

PostgreSQL

Mar 2019 - Oct 2020

I was responsible for the discount calculation. I had to be on top of mathematics, especially in operation research and Graph theory, which I enjoyed a lot.

Pull requests this year

alacritty: Non-VI mode selections

Rust

Terminal emulators

on Dec 6, 2020

Apr 2019 - Sep 2020

I added new actions to the alacritty terminal emulator.

Unfortunately the author valued the VI mode more than quick action shortcuts, so the PR was not accepted.

tlidr: xephyr: add page

Markdown

on Sep 30, 2020

I added a new tldr page for Xephyr virtual X11 server.

theme-bobthefish: Add prompt size limiting options

Fish shell

on Sep 27, 2020

I fixed an annoying issue with a prompt theme.

Jun 2018 - Sep 2018

vue-affix: Add width-reference-selector option

Vue

JS

on Sep 25, 2020

I enhanced the usage of a Vue library.

Jun 2016 - Aug 2016

Workshops I made

CSS Preprocessors

React

Sass

CSS naming conventions

on Oct 13, 2020

Networks and Webservers

Jun 2016 - Feb 2017

Networks

Linux

Nginx

Apache

REST

on Aug 18, 2020

Jun 2014 - Aug 2017

Experiences / My Projects

ascii-snake-rs

Rust Terminal emulators Multi-threading

in Nov 2020

A terminal based snake. It was a case study of how to write maintainable code in rust.

simple-clock-rs

Rust X.Org

in Mar 2020

An X11 window with a digital clock. It was a case study of how is it possible to simplify xcb.

Vonal

NodeJS Typescript Rust Neon bindings React Electron

since Mar 1, 2019

It is a hobby project. I wanted to make a good launcher for tiling window managers for Linux. I implemented fuzzy search with Rust and used FFI to call it from a react frontend. This way, I improved its performance hugely. Currently, I am rewriting this clearly with Rust.

VecJS

JS

since Feb 1, 2019

Vecjs is functional, immutable, feature-rich vector library, which provides infix operations as we used to use in math class. I think it still the best 2D vector library. I am going to make support for 3 and more dimensional vectors too. I plan to make a complete coordinate geometry library, which is also lightweight.

ReactKonvaAnchors

JS React

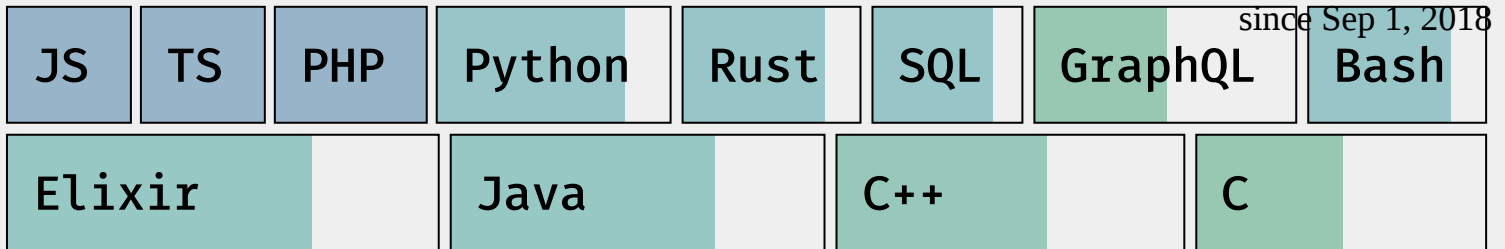
since Feb 1, 2019

Konva is a canvas drawing library, and react-konva is a react library for using Konva inside the react context. My library provides "anchors" for react-konva, which is a CSS like positioning and sizing utility for Konva objects like rectangle, text. With this library, you can make HTML like behavior to convey objects (e.g., automatic width).

FastEJS

Skills

Programming languages:

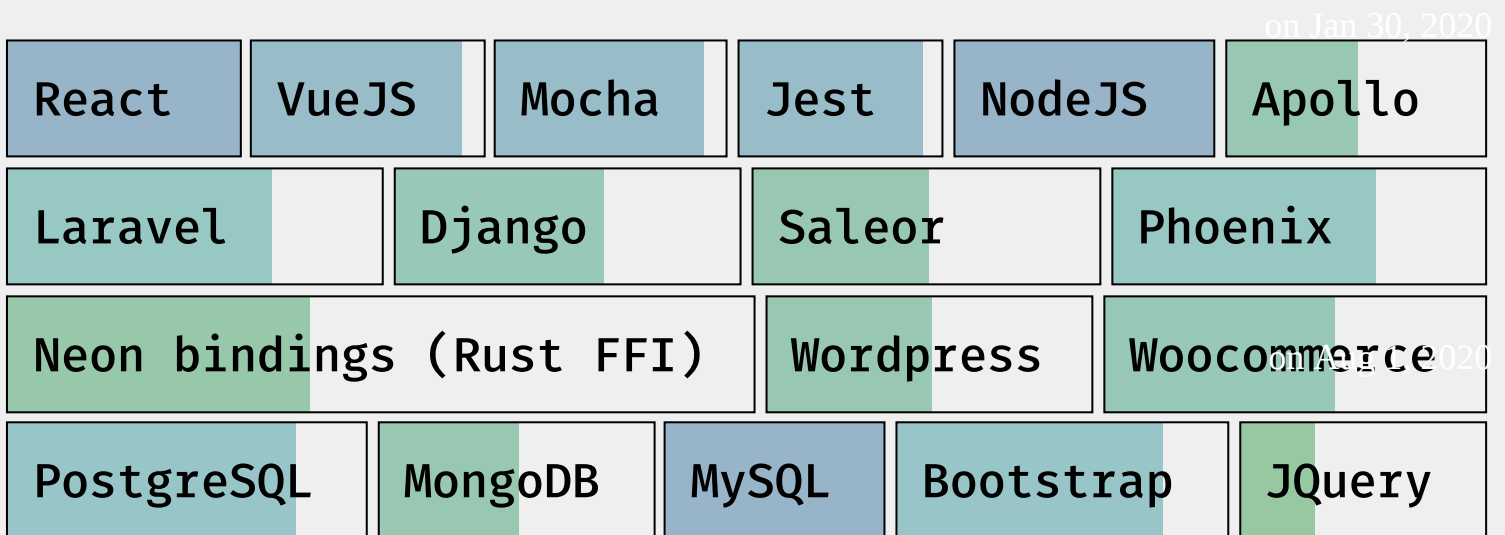


since Sep 1, 2018

Markup Languages:



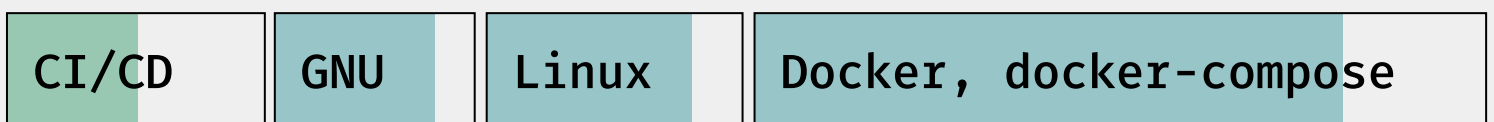
Other:



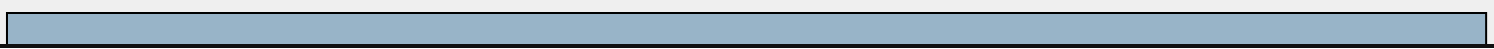
on Jan 30, 2020

on Aug 1, 2020

DevOps:



Theory:



Study

**University of Pannonia @ Veszprém,
Hungary**

Department of Computer Science

Software Engineer BSC

Sep 2016 - Jul 2019

Palfy @ Szolnok, Hungary

Electrical and Electronics Technical class

Sep 2012 - Jul 2016

Introduction

I'm an enthusiastic full-stack web developer with more than seven years of experience.

I'm precise all the time because I know the wrong code will be a pain later. So I'm trying to make the best code, the best architecture, and also the best documentation all the time.

I know countless different kinds of technologies, so learning another is just getting familiar with writing things differently. In addition, I have

experience not just in technologies but also in applying design patterns and programming conventions.

As far as contributing concerns, I published several libraries and helped others with forming issues and with pull requests. I'm always helping others getting their jobs done.

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