

DAVID BIRO
FULL-STACK WEB
DEVELOPER



Experiences / Jobs

Concept Designer Software @ RolloutIt Kft.

Rust WebAssembly React Styled-components Prosemirror Webpack

Feb 2021 - Jan 2022

SCSS SVG Docker Nginx

My task was to port a PC application, to the web for a French startup. The most of the code is written in Rust, as it has some calculations that is quite compute intense, and the UI has to be quick and snappy.

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

Pull requests this year

Mar 2019 - Oct 2020

alacritty: Non-VI mode selections

Rust Terminal emulators

on Dec 6, 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.

in Aug 2018

tlldr: 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.

vue-affix: Add width-reference-selector option

Vue JS

on Sep 25, 2020

I enhanced the usage of a Vue library.

Jun 2018 - Sep 2018

Workshops I made

CSS Preprocessors

React Sass CSS naming conventions

on Oct 13, 2020

Networks and Webservers

Networks Linux Nginx Apache REST

on Aug 18, 2020

Jun 2016 - Aug 2016

Experiences / My Projects

Jun 2016 - Feb 2017

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.

Jun 2014 - Aug 2017

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

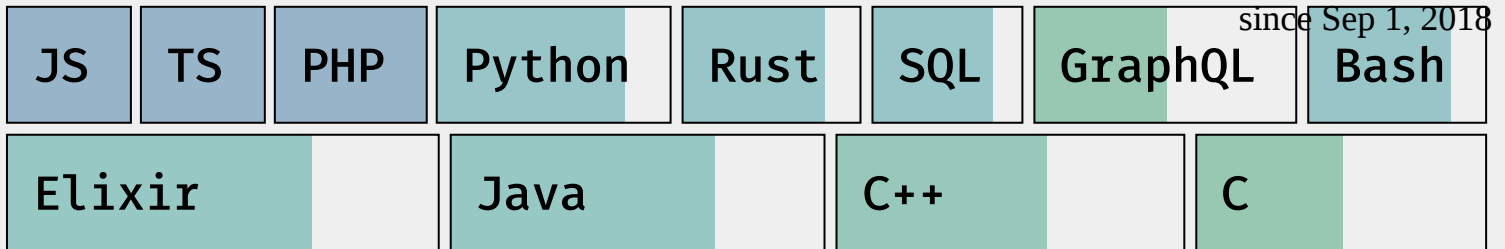
since Feb 1, 2019

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

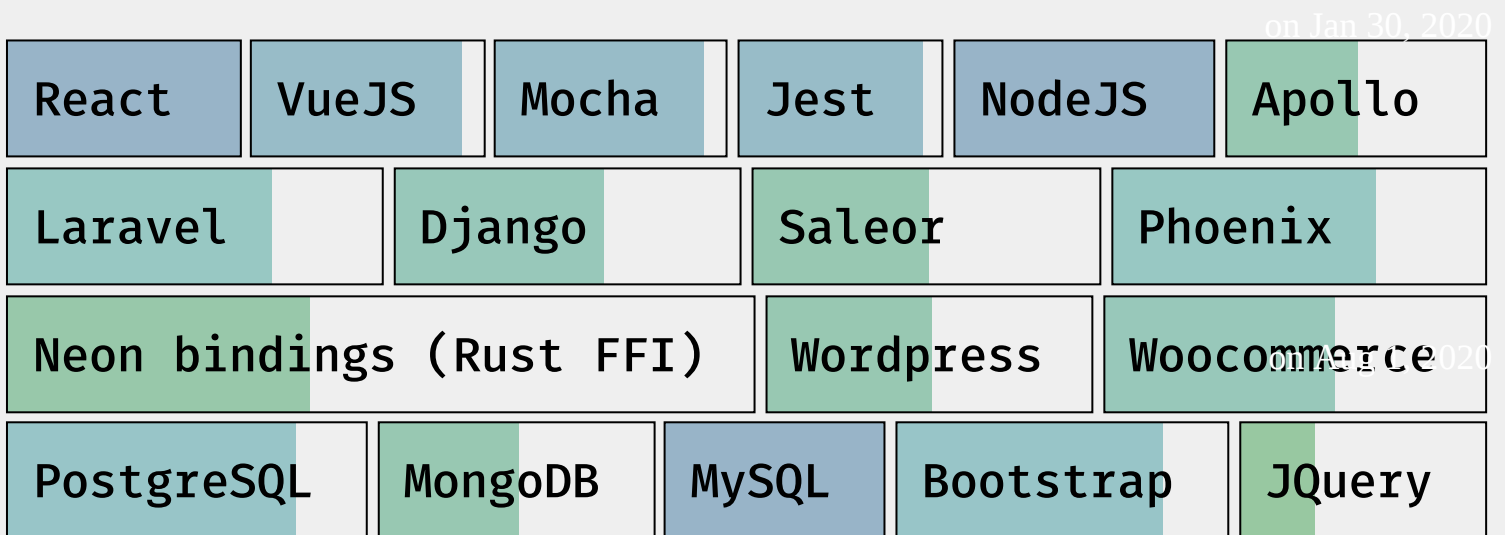
Programming languages:



Markup Languages:



Other:



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.

Contact



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