



Jakov Filip Saboliček

Date of birth: 22/05/1999 | **Nationality:** Croatian | **Gender:** Male |

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About me:

Ambitious and motivated, with one year of work experience. On my way to become a developer that lives and breathes software. Looking for a position for growth and knowledge in programming.

● EDUCATION AND TRAINING

01/10/2018 – CURRENT

UNIV.BACC.ING.COMP – BACHELOR OF COMPUTER ENGINEERING - University at Virovitica

● WORK EXPERIENCE

10/07/2021 – 15/08/2021 – Đurđevac, Croatia

INTERNSHIP – AVOCO LTD.

- working with Laravel
- laravel Blade templating, user authentication (session, jwt, oauth2)
- creating API foundation (multi auth systems, API versioning)
- setting up custom services, object dependency injection
- custom controllers for interacting with external api
- working with Wordpress
- custom theme development, css styling
- custom post types, custom Wordpress plugin development
- embedding javascript apps inside a Wordpress website

15/08/2021 – CURRENT – Koprivnica, Croatia

FULL STACK – ARHIVPRO LTD.

PHP

- creating API foundation, routing, API authentication
- embedding NodeJS applications (ReactJS, NextJS, VueJS) in PHP environments
- NodeJS app server side rendering and communication with PHP environment
- templating with custom templating engines (Twig, Smarty)
- working with databases (PDO, MySQL, Postgres SQL)
- working with http requests
- working with laravel/laravel and laravel/lumen

Python

- creating OCR services
- Tesseract, EasyOCR, KrakenOCR
- designing web applications with Flask
- JINJA templating

Javascript

- working with NodeJS environment
- creating single page applications with VueJS, ReactJS, NextJS
- creating VueJS packages
- creating custom applications for use inside PHP environment
- working with leafletJS, vue2-leaflet and geospatial data
- dynamic routing

Databases

- Working with relational databases like MySQL, Postgre SQL,
- Designing database schemas
- Managing database users and permissions
- Working with geographic and spatial data using PostGIS and SQL GIS methods on MariaDB
- using KMeans clustering algorithm for clustering a large dataset of points
- developing custom algorithms and queries for clustering
- filtering points with polygons and distance
- designing relational databases with geographic data
- Working with NoSQL databases like MongoDB and Firebase

Serving apps using Apache, Nginx and Docker

● OTHER EXPERIENCE

Other

Skills acquired throughout high school and college - University at Virovitica

- HTML, CSS, Javascript, PHP, AJAX, Bootstrap
- SQL database management
- working with APIs
- Java Android app development
- using Retrofit, MVVM, Room
- working with android SQL database
- creating and managing AWS services
- advanced work with php, cpp, C#
- skills in object oriented programming
- basic knowledge in
- arduino
- raspberry pi
- photoshop
- autocad
- kdenlive

Hobbies

- programming
- linux tinkering
- athletics
- writing

● DIGITAL SKILLS

NoSQL (MongoDB) | SQL (MySQL, SQLite, PostgreSQL, SQL Server) | Firebase Realtime Database | Intermediate JavaScript | PHP Laravel | Python Flask | GIS | PostGIS | VueJS | ReactJS | NodeJS | ExpressJS | NextJS | NuxtJS | Webpack | REST | OAuth2 | OIDC | JWT | PHP API | Python API | Tesseract OCR | Easy OCR | Linux | Docker | Apache | Nginx | Laravel Blade | Twig Templating | Jinja Templating | C | C++ | C# | JQuery | Bootstrap | TailwindCSS | MaterialUI | Redux | Vuetify | Vuex | LeafletJS | Wordpress | Ubuntu server | Fedora server

● **LANGUAGE SKILLS**

Mother tongue(s): **CROATIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DRIVING LICENCE**

Driving Licence: AM

Driving Licence: A1

Driving Licence: B1

Driving Licence: B