PERSONAL INFORMATION

Nikola V.

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WORK EXPERIENCE

2020 – Present

Software Engineer

Tymeshift, Novi Sad (Serbia)
www.tymeshift.com

- Build the backend and API of Tymeshift alongside the team
- Document every major implementation
- Review code from other team members
- Provide assistance to Junior team members
- Go the extra mile to make sure the quality of the code is optimal

Backend part of visibility squad responsible for everything related with supplying frontend with dashboard and report data along with everything communication related. Work ranges from domain driven development inside of Laravel project up to creation of greenfield projects and breaking monolith application into services in Go.

Notable contributions:
*- **WebSocket service**: Go service which solved the product's issue of real time messaging using pub sub model where service would consume messages from Kafka topics and forward them to appropriate client side WebSocket connections.*
*- **Dashboard service**: Laravel service which enables CRUD and validation of dashboard project which includes dashboard, dashboard widget and dashboard widget metrics domains. Users can generate their own dashboards and see metrics related to their company like open ticket count, first response time, reopened ticket rate…*
*- **Metric service**: Go service responsible for retrieving values which dashboard service needs by querying ClickHouse database. It uses query builder mechanism which Laravel service can use along with various parameters for results like start time, end time, workstream conditions and similar.*

Go, PHP

2019 – 2020

Software Engineer

GoDaddy, Belgrade (Serbia)
www.godaddy.com

- Writing code with a focus on quality, scalability, and testability
- Tracking down the root cause of issues and performing analysis
- Giving and receiving detailed code review feedback to/from peers
- Turning complex business objectives into simple and scalable solutions

Part of hosting management tools - migrations team responsible for enabling customers to transfer their existing websites to GoDaddy hosting plans. Work ranges from generating Python scripts for statistics to creating services and endpoints in Symfony and up to working on front-end design of website transfer application in React.

Notable contributions:
*- **CMS detection service**: Symfony service responsible for detecting what CMS is customer's website using and if website has cPanel and sftp connection support.*
*- **Incident report service**: Symfony service responsible for creating tickets for service team in case a migration fails.*
*- **Website transfer application**: React application using Redux. Responsible for design implementation, component creation and general functionality.*

PHP, React, Python, Go

2018 – 2019	**Software Engineer**
	Embroker, Belgrade (Serbia)
	www.embroker.com

- Develop complex single page application using Angular and React
- Build RESTful APIs, business services, data layers, document management, carrier integrations and much more using Go and JavaScript

Worked mostly on automatic online policy creation service in Go, where user uploaded policies would instantly get parsed and converted to online policies thus eliminating human factor and reducing manual few hour work to a few second process.

Notable contributions:
*- **Policy creation service**: Go service responsible for parsing user's uploaded PDF files and generating online policies automatically.*

Go, React, Angular

2017 – 2018	**Web developer - Freelance**
	Belgrade (Serbia)

Worked for a few college assistants of mine developing CRUD applications using Joomla!

PHP, MySQL, jQuery, Javascript, AJAX, Bootstrap

2015 – Present	**Information Systems Technician**
	Nova Tehnika D.O.O., Belgrade (Serbia)

- **Computer maintenance**
    - Hardware and software installation and maintenance
    - Hardware and software problem solving
        - Troubleshooting PC's, laptops and mobile devices
        - Repair or replacement of malfunctioning parts
- **Data entry**
- **Creation of promotional material**
- **E-mail communication with clients**

EDUCATION AND TRAINING

2011–2015	**Computer technician (elektrotehničar računara)**
	Electrotechnical School "Nikola Tesla", Belgrade (Serbia)

2015–2018	**Professional electrical and computer engineer (strukovni inženjer elektrotehnike i računarstva)**
	Računarski fakultet, Belgrade (Serbia)

PERSONAL SKILLS

Mother tongue(s)	Serbian

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Job-related skills

- Solid proficiency in server-side development with **Go** and commonly used libraries
- Solid proficiency in **PHP**
- Experience with **Symfony** and **Laravel** frameworks
- Experience with **PHP, MySQL, jQuery, Javascript, AJAX** and **Bootstrap** stack
- Experience with **SQL databases** (**MSSQL**, **PostgreSQL**)
- Experience with **NoSQL databases** (**MongoDB**)
- Experience with **OLAP DBMS** (**ClickHouse**)
- Experience with **data pipelines** (**Kafka**, **RabbitMq**)
- Experience with **React** and **Redux**
- Experience with **C#**
- Experience with **Python**
- Experience with **RESTful services**
- Experience with **transitioning from a monolithic architecture over to a service oriented model**
- Experience with **JIRA**, **Scrum methodology** and other **agile development processes**
- Experience with **building backend services**
- Experience with **version control software** (**Git**, **Bitbucket**)
- Experience with **virtualization** (**VMWare Workstation**, **XAMPP**, **Oracle VirtualBox**)
- Experience with **Adobe software** (**Photoshop**, **Premiere Pro**, **After Effects**)
- Experience with **content management systems** (**CMS**) (**Wordpress**, **Drupal**, **Joomla!**)
- Ability to independently troubleshoot and find appropriate solutions to various problems
- Eagerness and willingness to learn