Professional Resume

Jan Elznic

Fullstack software engineer

Contact

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About me

Marital status: **Single**
Date of birth: **15. 9. 1987 (31 years old)**
Location: **Prague, Czech Republic, European Union**
Driving license: **B**

I am focused on web single page frameworks like Angular & React with overlap to Node.js (be friendly with TypeScript or ES2017 + Babel), IONIC/Cordova multiplatform progressive apps & HTML5 games in Canvas/WebGL, automatization, DevOps, Linux server administration and scalable applications architecture.

Throughout my career I have acquired a thorough fullstack knowledge of designing and implementing scalable web applications, designing server architecture and maintaining Linux servers, including REST services, APIs, cross-browser features support, security issues (XSS, SQL injection etc.), OO programming, MV(C/P) architecture patterns, automatization, CI/CD and DevOps solutions. I have experience with working in an agile teams within SCRUM.

Experience

- 12 years as a professional in web-dev
- 8 years frontend JS single-page apps
- 5 years in international environment
- 3 years as teamlead

Languages

English: Professional working profiency
German: Limited working profiency
Czech: Native
Slovak: Professional working profiency

Professional skills

JavaScript

- AJAX, JSON/XML, REST/GraphQL
- Single Page Applications
- TypeScript (<=3), ECMAScript (<=8)
- TSlint, ESlint,
- OO JavaScript, Babel
- **Angular** (JS 1.x / (<=7)
- **React**, Redux, Patternfly, Radium
- Vanilla JS, D3.js, jQuery
- Progressive cross-platform apps for Web / Android / iOS
- Cordova apps, IONIC, React Native
- **Node.js** - Express, Socket.IO
- Unit tests - Jest, Karma, Jasmine
- e2e tests - Protractor, cypress
- Canvas/WebGL, Websockets
- HTML5 games in Cocos2D-JS

.HTML(5), CSS(3)

- Responsive desgin
- Twitter Bootstrap (<=4)
- Google Material Design
- LESS, SASS, Stylus
- BEM, OOCSS,
- Mustache, Handlebars, Nunjucks, Smarty, JSX, Jade, XSLT, Underscore

Databases

- MongoDB, CouchDB, Neo4j
- MySQL, Maria DB, PostreSQL, ORM

SVN/Git

Agile

- TDD/BDD, Unit / e2e testing
- Continuous Delivery / Integration
- JIRA, Trello, Asana, Gitlab, Trac, Redmine, MS Project
- SCRUM, kanban
- Iterative / waterfall

DevOps / Automatization

- Shell, bash scripting
- Grunt, Gulp, Webpack
- NPM, Yarn, Bower
- Google Closure tools
- Jenkins / Semantic release
- Atlassian tools
- Linux administration (Debian / Fedora)
- Debian package management
- Apache2, Nginx, JBoss, Tomcat
- TCP/IP, HTTP(/2), SSL (HTTPS)
- DNS / (Open)VPN, PPP(TP)
- VirtualBox, VMware, Docker

PHP (4 / 5.6 / 7)

- OOP, MVC frameworks
- nette, Yii, Laravel, Symfony
- phpMyAdmin, Adminer

Accessibility

- WAI ARIA, NVDA / Jaws readers

Graphics, UX

- Adobe Photoshop, Illustrator
- Adobe Flash (+ ActionScript)
- CorelDRAW, Inkscape
- SVG
- User Experience, testing
- Typography
- Apple / Google guidelines

Other

- SEO / marketing
- Liferay portal, Wordpress
- Opencart, Litecart
- Python, Java, C/C++ (beginner)
- Slack, MS Teams
- MS Office, G Suite
- Linux, Windows, macOS

2019 · 2018 · 2017 · 2016 · 2015

Freelance Software Fullstack Engineer and Independent Consultant — *current*

- Self-employed, time limited projects with contracts — 02/2015–present
- Design software architecture & devlopment
- IT consulting, DevOps and Linux servers administration

RedHat - React — 01/2019–03/2019

- Web frontend application development in React/Redux (ECMAScript 2017)
- Designing layouts in Patternfly according to InVision wireframes
- Writing unit tests in Jest framework

archTIS - Angular — 12/2017–06/2018

- Development of frontend single page application focused on trusted information sharing and collaboration in e-government
- Angular 4/5/6 with TypeScript, Webpack, TSlint, REST APIs
- WAI-ARIA & WCAG accessibility standards
- Agile team with JIRA ecosystem within SCRUM, making code reviews
- DevOps support with CD/CI & Jenkins

Maternity leave — 06/2017–11/2017

CEMEX/Neoris - React / Angular 2 — 02/2017–05/2017

- Development frontend SPA for track & trace and distribution concrete / ready mix construction materials in Angular 2 & React + Redux
- Writing unit tests in Jest / Karma

Trusteca - Canvas / WebGL Games — 09/2016–02/2017

- Design & development of HTML5 multiplatform web & native mobile casino games (Blackjack, Roulette, Slots) in JavaScript using Cocos2D-JS framework based on Canvas/WebGL technology for Web, Android, iOS

DATASYS - IONIC 2 / Cordova / Angular 2 — 06/2016–08/2016

- Design and development of progressive cross-platform web / mobile application based on IONIC 2 framework and Apache Cordova
- Using Angular 2 and TypeScript / Target platforms: Web, Android, iOS

O2 Czech Republic - Liferay Portal Consultant — 03/2016–05/2016

- Consulting and development of web frontend components for O2 customer portal based on Liferay portal CMS system

MSD - Angular JS 1.x / Node.js (Fullstack) — 10/2015–03/2016

- Design architecture and development of internal corporate service
- Based on Node.js, AngularJS 1.x, Twitter Bootstrap, D3.js and Neo4j DB

GETMORE - WordPress CMS — 09/2015–10/2015

- Complete solution for http://sluzba.getmore.cz based on WordPress CMS

Etnetera - Liferay Portal Consultant — 07/2015–08/2015

- Intranet application frontend solution based on Liferay portal for KKCG

Slovak Telekom - Liferay Portal Consultant — 03/2015–05/2015

- Frontend solution for customer portal based on Liferay Portal

Lipa Learning, s.r.o. / EMTC - Czech, a.s.

Prague, Czech Republic — *Fulltime employee (~100 employees)*

DevOps Engineer / Web Teamleader — 08/2014–02/2015

- Architecture design of web services
- Be responsible for web department
- Creating roadmaps, task management
- Leadership, Recruitment
- Backend components in PHP, Python
- Troubleshoot technical issues
- Perform dev-ops tasks
- Linux servers administration

Senior Frontend / JavaScript Developer — 02/2014–07/2014

- Implementing web design in close collaboration with a graphic designer
- Development of HTML5 games in JS & web sites in PHP / Nette framework
- Define coding standards, conventions and rules for FE development

Giss / SŽDC
Prague, Czech Republic

Fulltime contractor (5–10 employees)

Senior PHP / FE Developer & SysAdmin 08/2013–11/2013

- Development of SŽDC trains track & trace & accident reports web app
- PHP application based in Yii MVC framework using MySQL database
- FE solution - HTML, CSS (+ Sass), JS (+ OOP, jQuery, Google Maps API)
- Migration web services from Windows to Linux Debian platform
- System administration & creating and maintenance of Debian packages

Adveri, s.r.o.
Prague, Czech Republic

Fulltime contractor (5–10 employees)

Senior Frontend / PHP Developer 11/2012–06/2013

- FE development of web app user interface - www.HAPPYFEED.com
- Middleware development of API in PHP / JSON-RPC
- Managing other developers and contractors (1-4 members)
- DevOps: Debian packaging, deployment and Linux servers administration

2013

Seznam.cz, a.s.
Prague, Czech Republic

Fulltime employee (1000+ employees)

Web UI Developer 08/2011–10/2012
Web UI Developer Junior 08/2010–07/2011

- FE development of web services with more than 6 mio. monthly RU
- Converting PSD graphics to HTML / CSS templates
- Development of components for opensource JavaScript framework JAK
- Test the websites and identify technical issues
- Maintenance of Linux Debian packages for several frontend services
- Responsibility for FE Seznam.cz Homepage, Fulltext, Obrázky.cz, Videa, Slovník, Encyklopedie, Zboží.cz, Smobil, Email.cz, Český Slavík Mattoni, Miss ČR

2012

2011

Elza Design.cz
Rakovník, Czech Republic

Self-employed

Freelance Web Developer & Graphic Designer 04/2008–07/2010

- Meeting clients to identify their requirements
- Present initial design ideas to client
- Draw up detailed website specifications
- Design web page layouts in Adobe Photoshop
- Register web domains and organise the webhosting
- Using CMS of my own production (PHP, MySQL)
- Copywriting, SEO, marketing consulting
- Create web banners in Adobe Flash / ActionScript

2010

2009

Agentura Regia, s.r.o.
Rakovník, Czech Republic

Fulltime contract (~10 employees)

PHP programmer / Webmaster 09/2007–03/2008

- Creating presentations & websites for local companies
- Development of a regional information server Rakovnicko.cz (PHP)

2008

Centrum Holdings, s.r.o.
Prague / Rakovník, Czech Republic

External part-time contract (500-1000 employees)

Q&A Tester 03/2007–08/2007

- Testing for Centrum.cz services Fotoalba.cz, XChat.cz, Centrum E-mail

2007

Integrated hight school Jirkov
Rakovník, Czech Republic

Business Management 2003-2006

Personal / soft skills

- Adaptability and flexibility
- Effective communication
- Interpersonal abilities
- Teamwork player
- Humility & esteem to the others
- Ability to accept critics
- Self-reflection
- Always open-minded
- Ability to adapt and accept changes
- Inventive and added value
- Organised and prioritised schedule
- Collecting feedback
- Planning and organizing
- Leadership and management
- Assertive approach /
- Discovery and orientation in informations

> *Always listen to experts.*
> *They'll tell you what can't be done and why.*
> *Then do it.*
> *(Robert A. Heinlein)*

Courses, trainings and workshops

- SEO (2 days, Marek Prokop)
- CSS3 and responsive design (Martin Michálek, Vzhůrudolů.cz)
- AngularJS (Robin Pokorný, Vzhůrudolů.cz)
- Course presentation skills (3 days, Seznam.cz)
- Assertiveness training (Seznam.cz)
- Mapy.cz API (Ondřej Žára, Seznam.cz)
- Distributed version systems and Git (Ondřej Žára, Seznam.cz)
- AJAX (Ondřej Žára, Seznam.cz)
- JS performance optimization (Seznam.cz)
- jQuery workshop (WebExpo)
- Coffeescript workshop (WebExpo)

Favourite RSS sources and sites

- Web updates blog by Google Developers - developers.google.com/web/updates/
- Mozilla Hacks Site - Developers blog - hacks.mozilla.org
- 2ality - JavaScript and more - 2ality.com
- Smashing Magazine - smashingmagazine.com
- SitePoint (JSPro.com) - sitepoint.com
- Little Big details (UX site) - littlebigdetails.com
- Mozilla MDN web docs - developer.mozilla.org
- Vzhůru dolů - vzhurudolu.cz
- Zdroják.cz - zdrojak.cz
- Root.cz - root.cz
- BlindFriendly - blindfriendly.cz
- Je čas - jecas.cz
- Deep in IT - diit.cz

Hobbies and interests

- History & theology
- Politics & world events
- Environment, ecology
- Cryptocurrencies
- Old hardware (x86)
- Travel & tourism
- Spirituality
- Music, culture & festivals
- Horse riding, skiing, cycling, swimming
- Reading - biographical & motivational books
- Movies
- PC games

I ❤ Linux and OpenSource.