

VIKTOR HUBERT

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Languages fluent English
native Hungarian

Education BSc in Computer Science
University of Szeged



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EXPERIENCE

REMOTE SENIOR DEVELOPER CONTRACTOR

EventsTag

05/2020 – Present

London, UK

Since May of 2020 I've worked as a contractor on a monthly basis on several projects.

I've built the Graduations.live platform during this time, which is a platform used by many universities featuring user pre-registration, Virtual Ceremony, Live Chat, Graduation Clip recording with AR mortar hat, group Ceremony Video recording in a mosaic, digital Class Photo and Alumni Network.

Highlights:

- Implemented a collection of apps working offline in preparation for an event for GraduationAttire, handling user registration, purchases (online and offline via a Dashboard), content creation and a registry to keep track of attire stock.
- Set up the infrastructure with Kubernetes in the cloud (AWS EKS) for the Graduations.live project. I've also set up a Varnish reverse-proxy to make endpoints efficient and handle thousands of users if necessary.
- Ported offline app booth AR functionality to the web, showing a mortar hat for Graduations.live. (*VisageSDK*)
- Managed a contractor team for the Graduations.live project who helped me out at the beginning to deliver the project.
- Used serverless functions (AWS Lambda) for online virtual experiences to provide video processing and other features.
- Maintained various in-house projects.

REMOTE SENIOR DEVELOPER

EventsTag

01/2019 – 05/2020

London, UK

Working remotely I've continued to deliver major client projects, implementing new features, and improving on communication between team members, especially as others soon followed suit in working remotely.

Highlights:

- Interconnected offline-first RFID powered apps (The Monster project) involving user registration, content generation, on site payments, 3rd party integration from ticket providers and user-specific dashboards,
- An offline secure Data Server solution utilising CouchDB over SSL with Docker, with a future plan for capitalising on its database replication features,
- Improving the remote culture within the company,
- Implemented generic app forms on our platform which allowed non-dev personnel to set up our apps a lot easier, saving time.
- Implemented a Remote Management UI for some of our apps, to help on site people managing apps remotely.
- Introduced automated testing for our apps,
- Oversaw our junior developer implementing apps to be used with events,
- Many "run of the mill" events involving photo- and video booths, kiosks, dashboards, and everything we usually did in general.
- Supported the company's franchises from Brazil, Dubai and Germany,
- Interviewed potential candidates for the Hungarian branch to work alongside me.

SENIOR DEVELOPER

EventsTag

12/2015 – 01/2019

London, UK

I've joined EventsTag as Senior Developer with the main responsibilities of delivering experiential products and experiences for big brands for events. (Like The O2, Nike, Beats, Apple, Honda etc.)

Highlights:

- Improved the company's main Photo Booth product experiences (bringing multi-million in annual revenue) and

- delivered countless bespoke customised client apps. Some examples would be AR experiences, photo-, video-, greenscreen- and slow mo booths, real time and locally interconnected apps as well as any combination of these.
- Created brand new apps like the Social Slot Machine, Share Stations, Registration Stations all of which were communicating locally.
- Created other web app experiences and products, like the Digital Mosaic, Social Walls, and brandable Microsites for events.
- Updated the company's website both in terms of the design as well as the tech stack,
- Improved a rudimentary React codebase (introducing state management via Redux for example),
- Created a monorepo for private NPM packages managed by Lerna,
- Added and maintained dedicated utility repositories (react components, electron, electron testing utilities)
- Implemented GDPR measures.
- Helped out in managing the server infrastructure.
- I also had the chance to travel and deliver projects in person, for example in Cologne and Shanghai.

LEAD DEVELOPER

Zalehy Ltd.

12/2011 – 12/2015

Szeged, Hungary

As Lead Developer, I've managed and mentored a small team while improving on our tech stack.

Initially I've worked alongside my studies, delivering client projects built with web technologies.

Highlights:

- Introduced Git to our codebases for better control and delivery,
- Introduced Symfony 2 for the backend with Doctrine,
- Used JavaScript component libraries for the UI,
- Added a dedicated local Linux server for file sharing and for hosting private composer packages and Git repos,
- Introduced DevOps tooling including automated deployments and server configurations,
- Improving management processes, how we write specs, how tasks are handled for developers and how time is managed in general.
- Continued to deliver on major client projects with other developers.

OPEN SOURCE

useResizeObserver

In 2018 when React Hooks were announced, I published a hook to track elements' size via the ResizeObserver, which gained some traction since. My focus is a minimalistic interface combined with extensive cross-browser testing to cover edge cases that users may not have even thought of.

Container Query

In 2017 I released a package that is my take on Container Queries, where CSS rules are applied to elements conditionally based on their —or a parent element's— size.

[I gave a talk](#) in early 2018 at the React London Meetup on the React integration.

Deployer

In 2015 I was a maintainer of Deployer, a PHP deployment tool supporting many frameworks. (Including Symfony.)

Clam

In 2014, before JavaScript component libraries got mainstream, I experimented with my own ideas for a library that addressed portability and reusability of frontend "widgets". These tools allowed us to deliver websites and web applications at a much higher rate with confidence.

TECHNICAL COMPETENCE

Programming Languages: JavaScript, Flow, TypeScript, PHP, C#

Javascript Frontend: React, Redux, Angular, jQuery, Cypress

Javascript Backend: Node.js, Express, Websockets, Electron.js

Javascript Tooling: Webpack, Parcel, Rollup, Browserify, Babel,

PostCSS, Lerna, Jest, Cypress, Spectron (webdriver.io), Karma,

react-testing-library, ESLint, Prettier, Gulp, Grunt

WebDev: HTML, CSS, SASS, LESS, BEM, Bootstrap,

ZURB Foundation (Zurb INK), CSS-IN-JS,

mobile-first Responsive Web Design

Database: MySQL, MongoDB, CouchDB, Redis

PHP: Symfony, Laravel, Doctrine, Composer (Satis), PHPUnit,

Behat, Selenium

DevOps: Linux, OSX, Windows, Jenkins, Travis.ci, Graylog, AWS (EC2, S3, Lambda, etc.), Apache, NGINX, Docker, Vagrant, Ansible, Rabbit MQ, Varnish, Kubernetes

Hardware: Canon SDK, Arduino, Raspberry Pi, RFID/NFC, DMX Video/Image processing: FFmpeg, Canvas 2D/WebGL

Services: AWS, Sendgrid, Mailchimp, Keen.io, Logit.io, Blackfire.io, Ghost Inspector, NewRelic, Assembla, Vercel, Digital Ocean, MongoDB Atlas, Pusher, Cloudfront, Square payments, Send2Me (Microsoft), BrowserStack, Loader.io, PubNub

Apis: Facebook, Instagram Graph, Twitter, Dropbox, Slack, Weibo, WeChat

Miscellaneous: Git, SVN, AR (jsartoolkit), NPM, Yarn, TDD, BDD, Debugging, Kanban, Basecamp, Asana, Knowledge Owl, VisageSDK

I'm continuously exploring what's out there. As such I'm also interested in (or planning to learn) the following:

Yarn PnP, GraphQL, Kubernetes, Rome, React-Spring, Blockchain (Ethereum)