Radim Buchtela

Frontend Developer (Web & Smart TV)

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Frontend and Smart TV developer with 10+ years of experience building cross-platform web applications. Focused on performance, scalable architecture, and maintainable code — from semantic HTML/CSS to modern JavaScript tooling and CI/CD pipelines. Experienced in white-label OTT platforms and SDK development with strong attention to product detail and code quality.

+ Work Experience

24i
2018–2024
Brno, Czech Republic

Position: Smart TV Developer

A company developing applications for Smart TVs, web browsers, and mobile devices. I specialized in creating applications for Big Screen platforms, with a focus on multi-platform development using modern web technologies. I worked in agile international teams, collaborating closely with designers, architects, backend developers, and QA engineers.

Responsibilities

- Developing and maintaining a white-label OTT app solution, enabling rapid customization and deployment for multiple clients
- Contributing to an in-house SDK simplifying multi-platform development, optimized for low-performance devices (custom JSX render, React-like library, shared components, platform-specific drivers)
- Managing CI/CD pipelines for automated testing, building, and deployment
- Bootstrapping new customer-specific apps based on the white-label product
- Publishing apps to App Stores including Samsung Tizen, LG webOS, Android TV, and Fire TV

Technical Skills

- *Programming Languages:* TypeScript, JavaScript (ES6+), HTML5, CSS3
- *Frontend Technologies:* React-like library, JSX, SASS, Node.js, npm, Webpack
- *CI/CD:* Travis CI, GitHub Actions
- *Cloud & Hosting:* AWS (S3, CloudFront)
- *Code Quality & Documentation:* Jest (unit testing), Coveralls (code coverage tracking), TypeScript type checking, linters, Sentry (error monitoring), jsDoc, README files, Docusaurus (auto-generated documentation) hosted on Vercel, changelog file generation, code reviews and CI checks
- *API Testing & Debugging:* Postman
- *Test Automation:* Suitest, WebdriverIO

+ Web Technologies

TypeScript	●●●●●●○
JavaScript	●●●●●●○
(X)HTML	●●●●●●○
CSS	●●●●●●○

+ JS Framework Tour

React	since 2018
Backbone	since 2013
jQuery	since 2009

+ Extended Stack

SASS, JSX, Node.js, npm, Webpack, Parcel, Vite, Astro, AWS (S3, CloudFront), Vercel, GitHub Pages, Jest, Mocha, Coveralls, Sentry, ESLint, Stylelint, jsDoc/tsDoc, Docusaurus, Suitest, Postman, DevTools, Zeplin, Abstract, Git, GitHub, JIRA, Confluence, Slack, VS Code, AI GitHub copilot

+ CI/CD & DevOps

Travis CI	●●●●●○○
GitHub Actions	●●●●●○○

- *Design & Prototyping Tools:* Zeplin, Abstract
- *Versioning & Collaboration:* Git, GitHub, JIRA, Confluence, Slack, Scrum

Mautilus, S.R.O.

Position: Smart TV Developer

2013–2018
Brno, Czech Republic

A company focused on developing applications for Smart TVs, mobile devices, and HbbTV platforms. I worked on applications for Smart TV platforms (e.g., Samsung, LG), HbbTV, and PlayStation 3/4 using JavaScript, HTML, and CSS. Apps were built as single-page applications (SPA). I also contributed to the Mautilus Smart TV SDK to simplify cross-platform development.

This role introduced me to the technically exciting and relatively niche world of Smart TV development. At the time, platforms were still maturing and inconsistent across devices, posing challenges like poor performance, platform-specific bugs, and limited tooling. I worked with media players, DRM systems, and proprietary APIs — expanding my skills beyond typical frontend work. The experience shaped my growth and let me contribute to international projects in Mautilus's agile, fast-paced team culture.

Technical Skills

- *Web Technologies:* JavaScript (ES3+), (X)HTML 4, CSS 2.1, jQuery, Node.js, npm, GruntJS
- *Video Streaming Technologies:* Video streaming protocols, media players (native or HTML5-based), DRM integration (PlayReady, Widevine, AES)
- *Ad Integration:* Video ad playback, VAST, Google IMA SDK
- *Analytics Integration:* Google Analytics, Conviva
- *Platform-Specific APIs:* Samsung Tizen, LG webOS, and others
- *Network Debugging:* Wireshark (API traffic inspection, video streaming analysis)
- *Versioning & Collaboration:* SVN/Git, Assembla, JIRA/Redmine, HipChat

Web Developer (Freelance)

2009–2013

Complete development of websites for small businesses – from graphic design and full-stack implementation to hosting setup and deployment. Some projects included dynamic UI components, CMS integration (e.g., WordPress), or a custom booking system. Emphasis was placed on clean and semantic HTML, search engine optimization (SEO), and basic accessibility (a11y) best practices.

Technologies Used: (X)HTML, CSS, JavaScript, jQuery, PHP, MySQL, CodeIgniter, WordPress, Adobe Photoshop

GDI, S.R.O.

Position: HTML Coder

2009–2011
Brno, Czech Republic

GDI, s.r.o. is a company focused on developing its own online advertising platform. As an HTML Coder, I worked on implementing front-end templates based on graphic designs, ensuring cross-browser compatibility and clean semantic structure. I also contributed JavaScript/jQuery features and supported backend integration with PHP. The work required close collaboration with designers and developers and gave me solid experience in production-grade web development at an early stage in my career.

+ Earlier Experience

* Experience primarily from academic or freelance projects, 2009–2013

PHP

MySQL

C/C++

Java (SE, AWT, Android)

+ Languages

Czech – Native

English – B1 (active use in team communication and documentation)

+ Work Examples

SCAN THE QR CODE TO SEE EXAMPLES OF MY WORK

Technologies Used: (X)HTML, CSS, JavaScript, jQuery, PHP

Education

Brno University of Technology, Faculty of Information Technology
2010–2013

Computer Graphics and Multimedia, Master Degree Programme

Brno University of Technology, Faculty of Information Technology
2006–2010

Information Technology, Bachelor Degree Programme

Gymnázium Jeseník
2002–2006

Graduation with Distinction (Mathematics, Physics, Czech, German)