

## Robert Vitonsky

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Software developer with over 10 years of engineering experience in complex projects. Strong background in scalable software design and the development of maintainable systems using JavaScript, Python, and PHP. Solid expertise in front-end development and a deep understanding of the web platform. I have experience integrating AI into projects. Founder and [active contributor](#) of a few open source projects. Creator of [Linguist](#), a browser extension to translate web pages, even offline, with no sent private texts to internet ([20k+](#) daily users). Author of [blog](#) about programming and technologies.

### Hands-on Coding Expertise (all open source)

[Linguist](#), a browser extension for translate web pages: Typescript, React, Effector, BEM, Yjs, WebPack, Jest, WebAssembly, Emscripten, WebExtensions API, Docker, Node 16, Express.js, PostgreSQL, AWS EC2/S3, ChatGPT.

[ElegantUI](#), a modular UI kit that allow to build components with only needs features: Typescript, React, [BEM methodology](#), WebPack, Storybook.

[DomTranslator](#), a library to translate DOM nodes like google widget: Typescript.

[Translate Kit](#), a package with interfaces and implementations of translation primitives - translators, translate scheduler, batching, cache, multiplexor, etc: Typescript, Jest, Axios, xpath.

[Charmix](#), a CLI util inspired by Maven, to create project files from templates (archetypes): Typescript, Gulp, argparse.

[Replicator](#), a task runner for backups with declarative Taskfiles: Python, argparse.

## Recent Employments

[RingCentral, Inc.](#) (remote - Belmont, CA), 8/2021 - present.

Frontend Developer in RND department of AI-powered B2B communications platform: Created standards to automate code quality and reducing release cycle times; Automated development processes and make cross team communications are async; Increased performance of video processing and canvas rendering; Created and maintained whiteboard project for collaborative editing with hundreds users in session with high performance; Team mentorship.

**Gambling network** (remote), 3/2018 - 8/2021.

Lead Software Developer and Technical Project Manager of high loaded gambling service: Managing a team of 6 engineers; Team leader on numerous projects; Created and maintained technical documentation; Created and maintained behavioral based anti robot and anti fraud systems; Created unified design system used on 7+ projects; Performed requirements analysis, design, implementation, testing, and maintenance; Hands-on programming in Typescript and Python.

[MTS](#) (Moscow, Russia), 5/2015-3/2018.

Full Stack Developer: Maintained 3 projects; Created and maintained media streaming and messaging features of entertainment platform; Created internal tools; Stack Javascript, Typescript, PHP.

**Freelance** (remote), 5/2013-5/2015.

Few years experience with bug bounty programs related to web security; I completed numerous of freelance projects about frontend, web scrapping and bots.

## **Publications**

[The most big problem of UI kits](#)

[Design system guide](#)

[Complicated software is required to evolution](#)

## **Skills**

- Team player mentality: Strong ability to collaborate and work effectively in a team environment. Proficient in communicating ideas and collaborating with team members.
- Self-sufficiency and ability to work independently
- Commitment to code quality: Consideration for code quality and a drive to deliver high-quality software. Strong experience with automating quality assurance. Skilled in providing appropriate and effective feedback to teammates.
- Experience with directing the complete development lifecycle of a project from initial planning, through development, and into customer support
- Prioritization based on business goals: Capable of prioritizing work based on business objectives and tasks. Focus on customer value and iteratively improving software.
- Technical partnership: Extensive experience as a technical partner in planning, executing, and shipping features in collaboration with cross-functional teams and stakeholders.
- Takes ownership of assigned tasks and responsibility in completing them.
- Advanced knowledge of modern web technologies: Extensive expertise in modern web APIs, JavaScript, HTML, and CSS.

## **Most used technologies**

Javascript, Typescript, Node.js, Jest, Webpack, Gulp, Rollup, React, Redux, Effector, Express.js, Koa, Yjs, Socket.io, JWT, Electron, jQuery, Pug, Canvas, WebGL, WebSocket, CSS3, CSS Modules, PostCSS, Nginx, Python, Mypy, Flask, SQLAlchemy, Tensorflow, Git, GitHub Flow, Docker, PostgreSQL, MySQL, SQLite, XPath, Swagger, UML, LaTeX, Sentry, Google Analytics, Mixpanel, Puppeteer, Playwright, beautifulsoup4.