

Vojtech Miksu

- Senior Software Engineer at Uber
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Experience

Uber, Senior Software Engineer

San Francisco, CA

December 2018 – Present

- Leading the development of **Visual Snapshots**, a unified platform for visual regression testing across iOS, Android, and web at Uber. The system continuously tracks and compares ~100,000 components across 300+ projects in CI, preventing visual bugs from reaching production.
- Driving the development and open-sourcing of multiple popular libraries, including:
 - [ladle](#)
 - [react-movable](#)
 - [react-view](#)
 - [react-range](#)
- Building and maintaining the **Base Web** component library ([Base Web](#)) and **Styletron** CSS-in-JS framework ([Styletron](#)), which are widely used across Uber by 500+ applications and over 1,000 developers.
- Enhancing Uber's web platform through:
 - Performance improvements by adopting **Vite** and **SWC**.
 - Automating dependency upgrades.
 - Optimizing CI runtimes.
- Mentoring colleagues through initiatives like the Open Source Committee and Web Technical Steering Council, and supporting non-engineers in learning web development basics.

Cloudflare, Software Engineer

San Francisco, CA

January 2017 – December 2018

- Led key product initiatives, including shared account access, onboarding redesign, and billing redesign, from planning to implementation and release.
- Spearheaded the migration from Backbone/Marionette/Gulp/Karma to React/Redux/TypeScript/Webpack/Jest.
- Replaced routing with react-router and implemented improved access control mechanisms.
- Built a component library, **cf-ui**, while deploying and evangelizing CSS-in-JS practices.
- Modularized the main dashboard application using Lerna and Yarn Workspaces, creating a framework used by multiple internal apps.
- Created a JSON Schema-powered documentation generator, later open-sourced as [doca](#).

- Migrated the build process from Browserify and custom scripts to Webpack and Babel.
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Education

Georgia Institute of Technology

Atlanta, GA
M.S. in Cybersecurity
2015 – 2016

- Recipient of the Naumann-Etienne Foundation Scholarship.
- Focused on network security and DNS dataset visualizations.

Czech Technical University

Prague, Czech Republic
B.S. in Computer Science
2010 – 2014

- Spent one year at MSOE, Milwaukee, WI, as an exchange student.
 - Focused on machine learning and deep learning.
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Talks

- [Next-gen tooling for developers](#), Knapsack Podcast, 2022
 - [Introducing React View](#), React Summit, Amsterdam 2020
 - [What a Drag](#), React Advanced, London 2019 and RSConf, Minsk 2019
 - [CSS in JS: Patterns](#), Webexpo, Prague 2019
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Articles

- [Introducing Ladle](#), 2022
- [Nested Overrides Playground](#), 2020
- [VS Code Extension for Base Web](#), 2020
- [Introducing React View](#), 2019
- [Building a Drag and Drop List](#), 2019
- [Cloudflare's JSON-powered Documentation Generator](#), 2016