

Jacob Cofman

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<h2>Education</h2> <p>2017 - March M.Sc. in Computer Science, Grade 1.6 (B+)</p> <ul style="list-style-type: none">Thesis: Web Performance - Evaluation of a user-centric performance model <p>2015 - February B.Sc. in Computer Science, Grade 1.9 (B)</p> <ul style="list-style-type: none">Thesis: Cloud Integration - potential and benefits of iPaaS <p>2013 - 2014 Exchange Semester</p> <ul style="list-style-type: none">At the University of Florida in Gainesville <h2>Skills</h2> <ul style="list-style-type: none">Languages: JavaScript (ES6 and newer), TypeScript, HTML, CSS, GraphQLLibraries / Frameworks: React, Angular, Redux, Gatsby, NextJS, Jest, Puppeteer, RxJSTools: Git, npm, GitLab CI/CD, DockerSpoken Languages: German (native), English (fluent), Russian (good) <h2>Publications</h2> <ul style="list-style-type: none">State of the Web 2022: Temporal API (inovex blog, 2022)Testing Frontend Code (inovex blog, 2021)	<h2>Work experience</h2> <p>May 2017 – Present Senior Frontend Engineer - inovex GmbH</p> <ul style="list-style-type: none">Released a PWA to reduce maintenance costs of industry-producing machines and enable worker to run their daily business more effectively and more intelligent (React, Styled-Components, Typescript, Next.js, Node.js, Azure)Development of a modern stock trading platform with reactive components based on React. The platform could reduce the sending of invitations to the general meeting by ten times (React, TypeScript, Node.js, RxJS, Styled-Components)Launched a React UI component library to facilitate the creation of company-wide web apps by developing and maintaining a consistent and well-documented API (React, TypeScript, Less, AWS)Introduced and improved the quality of a jQuery codebase by adding a modern test suite and reducing the cost of time to market for new features. This benefited thousands of active users. I have also worked on a complete overhaul of the application by using a modern tech stack (React, JavaScript, Redux, Kubernetes, AWS)Introduced an internal Design-System with multi-framework support based on Stencil. This framework reduced the development of internal tools and software by half. The design system is used in a variety of different frontend frameworks (React, Angular, and Vue) <p>April 2016 - October 2016 Working Student - inovex GmbH</p> <ul style="list-style-type: none">Upgraded a call for papers app from AngularJS to Angular 2 (AngularJS / 2, TS, and web components) which improved performance and maintenance cost of the application <h2>Projects</h2> <p>Open Source: https://github.com/JCofman</p> <ul style="list-style-type: none">GitHub Action to measure webpage performanceVSCode plugin to fetch changelogPersonal website: https://jcofman.de <p>Social contribution</p> <ul style="list-style-type: none">Created the club website for VSG Kleinsteinbach
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