

Mikael Hadler

Senior Frontend Engineer | React, TypeScript, Next.js | System Design & Scalable UI Architectures

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SUMMARY

I'm a software engineer with **10 years of experience** crafting scalable web applications, APIs, and internal developer tools — turning complex challenges into elegant, maintainable solutions. I thrive at the intersection of frontend performance, automation, and developer experience, often finding creative ways to modernize legacy systems and streamline workflows. Over the years, I've built robust interfaces with React, Next.js, and Vue, designed scalable APIs and BFFs using Node.js, Express, and ORMs, and led the frontend modernization of systems serving thousands of users. I'm the engineer who creates internal tools before anyone asks, who automates repetitive tasks instinctively, and who views code as both a craft and a playground. Lately, I've been diving deep into AI-driven development — building PoCs with OpenAI's SDK, CrewAI, and integrating ML-powered features into real-world products. I leverage tools like Cursor AI daily to boost productivity, refine code quality, and push the boundaries of what's possible. I'm passionate about performance, accessibility, and cross-functional collaboration, always aiming to deliver clean, tested, and future-proof code. I'm currently open to opportunities where I can blend innovation, automation, and high-impact digital products.

SKILLS

Languages & Frameworks: JavaScript, ES6+, TypeScript, React, Next.js, React Native, Vue.js, Node.js

Architecture: Micro Frontends, System Design, SSR, SSG, Component Libraries, Design Systems

State Management: Redux, Context API, Zustand, Nanostores

Testing & Quality: Cypress, RTL, Unit & Integration Testing, A11y, WCAG, Lighthouse, SEO

Styling & UI: CSS Modules, Styled Components, Sass, Bootstrap, Ant Design, Storybook

Dev & Ops: Git, GitHub, CI/CD, Firebase

APIs & Data: GraphQL, REST APIs, i18n

EXPERIENCE

Senior Software Engineer

LendingClub

Apr 2022 – Present – San Francisco, California, USA

- I help design, build, and maintain new digital products and internal tools using React, Next.js, Vue.js, and TypeScript, collaborating with cross-functional teams (design, backend, QA, DevOps) in a fully English-speaking environment, following Agile/Scrum methodologies
- I play a key role in launching multiple banking features that improved user experience and were well-received by end-users, contributing to product adoption and business growth across thousands of users.
- I actively contribute to maintaining and evolving our component library and design system, creating scalable and reusable components that ensure visual and functional consistency across all applications, supporting design systems at scale.
- All UI components follow accessibility-first principles and are delivered with comprehensive unit and integration tests, integrated into CI/CD pipelines, ensuring long-term stability, maintainability, and business value.

Senior Software Engineer

Vizir Software Studio

Mar 2021 – Mar 2022 – São Paulo, Brazil

- I worked as a full stack engineer on Vizir Bank, using React, React Native, Node, Micro Frontends, TypeScript, Redux, MobX, Jest and Enzyme, about the work management we use Jira and SCRUM.
- Vizir Bank was a banking application that enabled other banks to utilize their resources within their own applications. For instance, the company Natura used Vizir Bank as the base for Natura Pay, a banking application created entirely with Vizir Bank.
- We used micro frontends to create Vizir Bank, more specifically using the Module Federation functionality of Webpack, to facilitate the sharing of dependencies between banking applications, Natura and other companies that also used Vizir Bank modules to build their applications.

Senior Software Engineer

Will Bank

Sep 2020 – Mar 2021 – Espírito Santo, Brazil

- Will bank is a fintech company created by pag!, I worked building web applications for internal systems (backoffice) as a full stack engineer with React, Node, NestJS, Redux, Ant Design, TypeScript, Less, Jest, Enzyme, Storybook, GitFlow, SCRUM, Jira and Confluence.
- I participated in the idealization of the functionalities of the internal system, together with the attendants, in order to facilitate customer service.
- In addition to working with the web front-end and mobile part, I was also able to create some microservices in NestJS, and I worked on the migration of some services from Node to NestJS.
- The system also included full internationalization (i18n) support to serve users from multiple languages.

Senior Software Engineer

Inflor

Jun 2019 – Nov 2019 – Espírito Santo, Brazil

- I was hired as a key engineer to drive the modernization of internal web applications using Vue.js and micro frontend architecture, helping the company transition legacy interfaces to scalable, component-based solutions.
- I contributed to the development of new features using Vue.js, Vuex, Vuetify, and Material Design, while collaborating with cross-functional teams and aligning UI/UX standards across modules to ensure consistency and usability.
- I worked closely with backend engineers to integrate RESTful APIs, improved code maintainability with modular architecture, and applied CI/CD practices using Azure DevOps.
- The solutions delivered helped accelerate the company's digital transformation initiatives, reducing technical debt and paving the way for future innovation in a fast-paced Agile environment.

Software Engineer

Ilegra

May 2018 – Mar 2019 – Porto Alegre, Brazil

- I developed responsive web applications using modern JavaScript frameworks (Vue.js, React, AngularJS) and state management libraries (Vuex), implementing UI components with CSS frameworks like Vuetify, Materialize, Bulma, and Bootstrap to deliver consistent user experiences across multiple projects.
- I implemented comprehensive testing strategies following TDD methodology using Jest, Jasmine, Mocha, and Sinon, ensuring code reliability and maintainability while contributing to high-quality software delivery in fast-paced development cycles.
- I collaborated with backend teams to integrate RESTful APIs and GraphQL endpoints using Apollo client, while developing BFF (Backend for Frontend) solutions with Node.js to optimize data flow and improve application performance for end-users.
- I actively participated in Agile/SCRUM development processes, managing version control workflows across multiple platforms and utilizing CI/CD pipelines with Jenkins to streamline deployment processes and maintain code quality standards..

EDUCATION

Systems Analysis and Development Technology

Cruzeiro do Sul • Jun 2014 – Nov 2024 – Nov 2026

Computer Technician

CEET Vasco Coutinho • Jan 2014 – Jul 2015

Computer Network Technician

CEET Vasco Coutinho • Jan 2014 – Jul 2015

LANGUAGES

Portuguese – Native

English – Advanced

PROOF OF CONCEPT REPOSITORIES

<https://github.com/mikaelhadler>