



# Janko Hofmann

Freelance Web Engineer, Software Architect & Consultant

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## Experience

### Freelance

Web Engineer, Software Architect & Consultant

04/2022 – present

- A more detailed CV with details on my freelance projects is available upon request

### Deutsche Bahn AG

Lead Web Engineer – BahnX Digital Product Development

02/2019 – 03/2022

- Lead Developer in a product team of 7 people, mentoring for other product teams regarding web development
- Full-stack development (frontend focus), system architecture and DevOps
- Development of an innovative passenger information system for the S-Bahn Hamburg Ideenzug (TypeScript, Node.js, WebSockets, Redux, React, LXC)
- Development of a design system and component library for digital products at Deutsche Bahn (Gatsby, Storybook, Contentful)
- Development of a user onboarding platform for beta testing new applications (Next.js, Express, OAuth, PostgreSQL, Redis, Cypress, Docker)

Mobile Frontend Engineer – WIFI@DB

11/2018 – 01/2019

- Development of a travel companion iOS app (React Native, GraphQL, Styled Components)

### Edenspiekermann AG

Senior Frontend Developer

06/2017 – 10/2018

- Development of web applications, responsive web sites, Accelerated Mobile Pages (AMP) and design systems for clients like AZ Medien and Red Bull
- Implementation of projects with React, Redux, GraphQL, Express, Jest and Storybook
- Interdisciplinary project work in the areas of web development, software architecture, DevOps, quality assurance and agile coaching
- Reimplementation of the internal job platform backend in Node.js

## Aperto Move GmbH – An IBM Company

Mobile Developer

05/2014 – 05/2017

- Development of interactive web-based prototypes, responsive web sites, web applications and native iOS apps for clients like EDEKA, BASF, Subway, AOK and Bundeswehr
- Development of a standardized frontend build process for client projects, including coding guidelines and unit testing
- Requirements analysis and specification through user stories in client projects
- Agile coaching of internal teams and clients, publication of several articles about agile work, mentoring of junior developers

## BMW Group

Working Student

06/2013 – 09/2013

- Mobile web application development with ExtJS/Sencha Touch and jQuery Mobile

## Dexter Media GmbH

Working Student

04/2011 – 02/2012

- Implementation of Wordpress-based web sites, development of Wordpress plugins, interface design

## University of Bremen

Working Student – Research Group Social Informatics

05/2011 – 07/2011

- Creation of e-lectures

Working Student – Research Group Digital Media

03/2010 – 07/2010

- Creation of a web system for project management with PHP/Symfony

## Institute for Information Management Bremen GmbH

Working Student

06/2008 – 12/2008

- Usability- & accessibility testing for the BIENE-Award

# Education

## Master Thesis

10/2013 – 03/2014

BMW Group

- Development of a process oriented integration platform for mobile web applications

## Master of Science (M.Sc.)

04/2012 – 03/2014

Ludwig-Maximilians-University Munich

- Media Informatics program
- Scholar of a 2-year Deutschlandstipendium full scholarship
- Grade: 1.1

## Semester Abroad

09/2010 – 02/2011

Concordia University, Montréal, Canada

- Computation Arts program
- Scholar of a DAAD Promos partial scholarship

## Bachelor of Science (B.Sc.)

10/2008 – 10/2011

University of Bremen

- Digital Media program
- Grade: 1.1

## Abitur / A level

06/2007

Alexander-von-Humboldt school, gymnasium, Bremen

- Grade: 1.1

# Skills

## Development

TypeScript / JavaScript / ESNext

HTML5

React / Next.js / React Native

SCSS / CSS-in-JS / Tailwind CSS

REST / GraphQL / RPC

Webpack / Vite / ESBuild / Babel

Storybook / Style Dictionary

Node.js / Express

Progressive Web Apps / AMP

Web Accessibility

Jest / Cypress / Playwright / Puppeteer

Swift / Objective-C

## Operations

Google Cloud / AWS / Heroku / Netlify

CircleCI / Gitlab CI / Jenkins

Sentry / Rollbar

Google Analytics / Tag Manager / Snowplow

NPM / Yarn / Lerna

Docker / Kubernetes

GitHub / GitLab / BitBucket

Jira / Confluence

# Languages

**German** native

**English** fluent (C1-level)

**French** basic