



Sascha Becker

Software Engineer

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PROFILE

Position:	Software Engineer
Education / Qualification:	Bachelor of Science (Applied Computer Science) IT Specialist for Application Development (IHK) State-Certified Commercial Assistant for Business Informatics
Location:	Hannover
Special Notes:	Wheelchair user
Availability:	not available

AT A GLANCE

Experienced Senior Full-Stack Developer with a decade of expertise in building scalable web applications and modern software solutions. Proficient in designing, implementing, and maintaining complex projects within agile development teams.

Specialized in React, Next.js, TypeScript, and Material UI for the frontend, as well as Node.js and NestJS for the backend. Extensive experience implementing modern APIs with GraphQL, REST, and WebSockets. Expert in Docker integration and CI/CD pipelines for efficient deployments, as well as utilizing MongoDB or relational databases as data solutions.

Key contributor to the development of a digital real estate management solution, a monitoring platform, a social media platform, and the advancement of applications for public transportation. Consistently focused on performance, user experience, and sustainable software architecture.

As a mentor and open-source contributor, I support teams in adopting best practices and ensuring code quality.

TECHNICAL QUALIFICATION PROFILE (TOP SKILLS)

Skill	Additional Information	Experience (Years)
TypeScript	Strict Mode, Generics, Utility Types, Type Guards, Discriminated Unions	7 (since 2019)
React		10 (since 2016)
Next.js	Server Components, Server Actions, Static Site Generation, API Routes, Image Optimization, Internationalization, NextAuth.js	4 (since 2022)
NestJS	GraphQL, REST, Websockets, Microservices, Authentication, Authorization, OpenAPI, Swagger, TypeORM	7 (since 2019)
Node.js		10 (since 2016)
JavaScript		10 (since 2016)
Material UI (React)	Version 7, Storybook Isolation, Theming, Dark Mode, Custom Components, Open Source Contributor	10 (since 2016)
GraphQL	Apollo GraphQL, Federation, React Hooks, Implementation in NestJS, GraphQL Codegen	7 (since 2019)
REST	OpenAPI, Swagger, API Design	10 (since 2016)
Git		13 (since 2012)
CI/CD	GitHub Actions, GitLab CI, Jenkins, Bitbucket Pipelines	10 (since 2016)
Docker		8 (since 2018)
MongoDB		6 (since 2020)
Jest		7 (since 2019)
Playwright		5 (since 2021)
Vite		2 (since 2024)
Previously Used Technologies:		
Kubernetes		1 (2021-2022)
Keycloak		1 (2022-2024)
Java		4 (2011-2015)
C#		3 (2008-2011)
C++		4 (2011-2015)

AngularJS		2 (2015-2017)
Cypress		1 (2022-2023)
Gatsby		1 (2021-2022)
Styled Components		1 (2018-2019)
Angular	Angular 13	1 (2022-2024)

PROJECT HIGHLIGHTS

React Fullstack Developer at Schönhofer Sales and Engineering GmbH Siegburg React · Material-UI · Yjs · deck.gl · Keycloak · Next.js · NextAuth.js · NestJS · TypeScript · Docker	10/2024 to 11/2024
React Fullstack Developer at Wertarbyte GmbH intern Hannover UpdateHive Manage all changelogs and versions centrally React · Material-UI · Next.js · Apollo GraphQL · NestJS · TypeScript · Docker	08/2024 to 01/2025
React Fullstack Developer at Wertarbyte GmbH intern Hannover EventSnap Dynamic photo booth app React · Material-UI · NestJS · Minio (s3 compatible) · TypeScript · Docker	07/2024 to 08/2024
React Fullstack Developer at Wertarbyte GmbH intern Hannover wertDesk Additional reports, bulk processing and missing features for sevdesk React · Material-UI · NestJS · TypeScript · Docker	06/2024 to present
Fullstack Senior Developer at Funkwerk Bavaria Development and maintenance of various products for managing disruptions and announcements in public transportation Angular · TypeScript · Node.js · NestJS · Playwright · Docker · Keycloak	11/2022 to 05/2024
React Senior Developer at McMakler Berlin Development of various products for managing real estate sales React · Material-UI · Next.js · TypeScript · Apollo GraphQL Federation · Jest · Kubernetes · Docker · NestJS	06/2021 to 10/2022
Full-Stack Developer at SCALARA GmbH Cologne Development of a digital real estate management platform React · Material-UI · NestJS · Node.js · TypeScript · REST · Swagger · Jest · Playwright · Webpack · Docker	08/2020 to 05/2021
Full-Stack Developer at Verlag Dr. Otto Schmidt Cologne Development of various calculators for a specialist publisher in law, business and taxation React · Material-UI · NestJS · Node.js · TypeScript · Apollo GraphQL · Jest · Cypress · Vite (Migration from CRA) · Docker	09/2019 to present
React Developer at Ambient Innovation Cologne Development of a pop-up store platform for tenants and landlords React · Styled Components · Apollo GraphQL · Jest · Cypress · CRA · Docker · Gitlab	03/2019 to 06/2019
React Developer at Ambient Innovation Cologne Further development of a shop platform for shoes React · Styled Components · Redux · CRA · Docker · Cypress · Gitlab	01/2019 to 02/2019
React/Node.js Frontend and Backend Developer at Wertarbyte GmbH intern Hannover sTool Development of a monitoring platform and evaluation of its metrics React · Material-UI · Node.js · NestJS · Apollo GraphQL · TypeScript · Jest · Cypress · Webpack · Docker	06/2018 to present
React Developer at Ambient Innovation Cologne Development of an ordering platform and customer dashboard for an energy provider React · Styled Components · Redux · Jest · Babel · Webpack · Docker · Gitlab	03/2018 to 01/2019

React/NodeJS Frontend and Backend Developer at Wertarbyte GbR intern Hannover Development of an overview for a portfolio of one or more cryptocurrencies. KPI formation and news overview React · Redux · Material UI · Node.js · Hapi · Bitbucket · Jira · Jenkins · Babel · Webpack · Docker	08/2017 to 02/2018
React Frontend Developer at Wertarbyte GbR intern Hannover Development of a Germany-wide listing of all elevator outages with push or email notification, award "Support for accessible travel/public transport use" React · Redux · Material UI · Node.js · Bitbucket · Jira · Jenkins · Babel · Webpack · Docker · Google Firebase	05/2017 to 05/2017
React Frontend Developer at Wertarbyte GbR Hannover Development of an interactive and coach-supporting web variant of the Business Model Canvas React · Redux · Material UI · Node.js · HapiJS · Bitbucket · Jira · Jenkins · Babel · Webpack · Docker	11/2016 to 04/2017
React/NodeJS Frontend and Backend Developer at Wertarbyte GbR Hannover Development of a social media web/mobile app React · Redux · Cordova · Material UI · Node.js · HapiJS · Socket · Bitbucket · Jira · Jenkins · Babel · Webpack · Docker	06/2016 to 11/2017
React Frontend Developer at Wertarbyte GbR Hannover Development of an informal city platform React · Redux · Material UI · Node.js · ExpressJS · Bitbucket · Jira · Jenkins · Babel · Webpack · Docker	05/2016 to 10/2017
AngularJS/React/MeteorJS Frontend and Backend Developer at Study Life and Work UG Hannover Development of a job platform for students AngularJS · MeteorJS · React · MongoDB · CSS	08/2015 to 02/2017
Windows Client-App Developer at Heise Zeitschriften Verlag Hannover Development of an automation for measuring projector metrics using test images and reading measurement devices via COM port (RS-232), development of analysis software for monitor measurement data in the area of color reproduction C# · WinForms · WPF	09/2010 to 07/2011

EDUCATION

Master of Science in Applied Computer Science Hannover University of Applied Sciences	2016 - 2017
Bachelor of Science in Applied Computer Science Hannover University of Applied Sciences Java, C++, Data Structures and Algorithms, Software Engineering (Usability / Ergonomics, Web Services, MoM, JSP, Servlets, JSF), Information Systems (JDBC, EJB), Databases, Operating Systems & Networks (TCP/IP Stack, Encryption), Computer Graphics, Parallel Programming (Akka, Actor, MPI, OpenMP)	2011 - 2015
IT Specialist for Application Development bib International College Low-level programming with projector measurement devices, analysis software for viewing-angle-dependent monitor data	2010 - 2011
State-certified Commercial Assistant for Business Informatics bib International College Databases, MySQL, Business Administration, Accounting, Networks, Programming, C#, PHP, Web Design, HTML, CSS	2008 - 2010

ADDITIONAL QUALIFICATIONS

Languages:

German (Native) · English (Business fluent)