

Moritz Roessler

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I'm Moritz Roessler, a senior TypeScript developer with over 12 years of experience in web and full-stack development. I specialize in JavaScript, TypeScript, React, and GraphQL, focusing on code quality and optimal tooling. My work includes delivering complex projects for large clients, utilizing agile frameworks like Scrum.

Experience (1-3)

DIGITAS PIXELPARK

Freiburg, Germany

Senior IT Developer

Sep 2022 - present

- Developed a state-of-the-art frontend solution as a Frontend Developer in an ongoing project at Digitas Pixelpark, using React, Next.js, and CoreMedia as CMS
- Translated complex Figma designs into functional, reusable components, ensuring a well-structured TypeScript codebase adhering to strict quality requirements
- Actively engaged in SCRUM events, providing valuable feedback and suggestions to improve the collaboration and efficiency of the team
- Presented results professionally in regular sprint reviews, sharing progress, challenges, and learnings with clients
- Maintained a high-quality TypeScript codebase with a team of experienced senior devs, conducting thorough code reviews and ensuring code quality
- Managed PRs, branching, releases, deployments and infrastructure configuration
- Solved complex technical challenges such as multi faceted filtering functionality for a B2B E-Commerce Shop with thousands of products

COSUNO

Braga, Portugal

Senior Frontend Developer

Feb 2022 - Jul 2022

- Optimized a TypeScript codebase, ensuring readability, maintainability, and scalability.
- Delivered high-performance React components aligned with user stories.
- Collaborated with senior developers to meet key project milestones.
- Enhanced SCRUM practices, improving team velocity and productivity.

SP00

Denzlingen, Germany

Software Engineer

Jan 2020 - Dec 2021

- Maintained a robust JavaScript codebase, ensuring functionality and efficiency.
- Processed billions of rows, efficiently handling large volumes of information.
- Analyzed and correlated hundreds of millions of rows from disjoint datasets.
- Implemented rulesets for data-driven actions, orchestrating 1.5M data points daily.
- Developed a real-time monitoring dashboard for a citywide public transportation network, enabling instant insights and alerts.

Skills

Spoken Languages: German (C2), English (C1), Spanish (B2)

Programming Languages: TypeScript, JavaScript, VBA, LotusScript, SQL, Rust

Frontend: React, MUI, Next.js, Vue, serverless

Backend: GraphQL, Node.js, PSQl, AWS Lambda

Frameworks: Vite, HTML, CSS, Redux, Babel, Jest, Webpack, Cypress, DynamoDB

Experience (4-7)

BECHTLE

Freiburg, Germany

Junior Software Engineer

May 2018 - May 2019

- Translated an existing codebase from C# to Perl
- Developed on-site for customers in Germany

ARBOLEDA EMALUISA

Chile, Temuco

Volunteer

May 2016 - Apr 2017

- Achieved fluency in Spanish, fostering international communication skills

BECHTLE

Freiburg, Germany

Junior Software Engineer

Mar 2015 - Mar 2016

- Developed various Lotus Notes applications for medium sized businesses
- Gained proficiency in LotusScript and Lotus Domino/Notes
- Acquired valuable experience working within a team of senior developers
- Aligned with customers to understand their business requirements
- Traveled to customer sites for kick-offs, meetings and implementation

BECHTLE

Freiburg, Germany

Fachinformatiker in der Anwendungsentwicklung

May 2012 - Mar 2015

- Developed real world Lotus Notes applications for medium sized businesses
- Developed Cross-Platform applications using PhoneGap
- Acquired in-depth knowledge of JavaScript
- Improved and refactored LotusScript codebases

Education

WALTHER RHATHENAU

Freiburg, Germany

Computer Science (Fachinformatiker in der Anwendungsentwicklung)

Jan 2012 - Jan 2015

KEPLER GYMNASIUM

Freiburg, Germany

Fachhochschulreife

Jan 2001 - Jan 2009

Projects

JAVASCRIPT.MOE

My personal website. A small promotional onepager using framer-motion for animations.

14 days

github.com/C5H8NNaO4/javascript.moe

REFLECT.JS

Developed an ES5 JavaScript compiler as a first project, enabling sophisticated static software analysis including partial abstract interpretation for a subset of ES5. Compiles jQuery and Angular.js, visualizing jQuery's Control Flow Graph (CFG) and performing dataflow analysis. Transformed ES5 ASTs into CFGs, exploring variable value derivation, size optimizations, SSA, and loop unrolling. Minifies and pretty prints.

1.5 years

github.com/C5H8NNaO4/reflect.js

ONLINE CV

Developed an interactive online CV as a practical solution to the challenges of maintaining and updating CVs in Adobe Illustrator. Utilizing web development expertise and adhering to /r/engineeringresume standards, this project implements the Harvard resume guidelines. It seamlessly renders CVs to PDF format using a web development stack, offering a user-friendly and efficient way to create and update professional resumes.

10 months

github.com/C5H8NNaO4/my-cv