Moritz Roessler

moritz.roessler@gmail.com • +4917620350106

I have 11.5 years of experience in JavaScript and have written a fully working optimizing compiler for it. I'm proficient in TypeScript and on a senior level in all things web development including in-depth knowledge of React. I have a keen eye for detail and a proven ability to deliver quality work on time. I have experience in both front-end and back-end development and am used to working in agile environments.

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 ESLint standards
- Actively engaged in SCRUM events, providing valuable feedback and suggestions to improve the overall quality of the codebase
- Presented results professionally in regular sprint reviews, sharing progress, challenges, and learnings with the customer
- Maintained a high-quality TypeScript codebase in a collaboration effort, conducting thorough code reviews providing constructive feedback
- Managed PRs, branching, releases, deployments and infrastructure configuration

COSUNO   Braga, Portugal

Senior Frontend Developer   Feb 2022 - Jul 2022

- Maintained a high-quality TypeScript codebase, following best practices and coding standards. Ensuring code readability, maintainability, and scalability.
- Implemented React components based on user stories
- Gained valuable experience collaborating within a senior SCRUM team at Cosuno

SPOO   Denzlingen, Germany

Software Engineer   Jan 2020 - Dec 2021

- Maintained a JavaScript codebase, ensuring its functionality and efficiency
- Processed high-frequency real-time data, handling large volumes of information
- Analyzed and correlated hundreds of millions of rows across disjoint datasets
- Implemented complex rulesets to trigger actions based on data patterns, geofences, thresholds, orchestrating 1.5M data points per day
- Successfully implemented a real-time monitoring dashboard, providing instant insights and alerts for a city wide publc transportation network

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

Junior Software Engineer

Freiburg, Germany

May 2018 - May 2019

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

ARBOLEDA EMALUISA

Volunteer

Chile, Temuco

May 2016 - Apr 2017

- Cooked in a family owned restaurant, preparing meals for hundreds of guests
- Constructed enclosures, stables and houses for animals and people
- Achieved fluency in Spanish, fostering international communication skills

BECHTLE

Junior Software Engineer

Freiburg, Germany

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

Fachinformatiker in der Anwendungsentwicklung

Freiburg, Germany

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

Computer Science (Fachinformatiker in der Anwendungsentwicklung)

Freiburg, Germany

Jan 2012 - Jan 2015

KEPLER GYMNASIUM

Fachhochschulreife

Freiburg, Germany

Jan 2001 - Jan 2009

Projects

REACT SERVER

1 year

Created React Server, an innovative server-side implementation of React that allows using TSX components on the backend. This enables the swift creation of advanced full-stack services by bringing React's frontend principles to backend development.

github.com/state-less/clean-starter

9 Stars

REFLECT.JS

1.5 years

Created a cherished ES5 JavaScript compiler, a pivotal first project that facilitated profound learning in static software analysis, encompassing jQuery and Angular.js compilation with a visual rendering of jQuery's Control Flow Graph. Enabled ES5 AST transformation into CFGs and performed dataflow analysis, further branching into the derivation of variable values at any program point. Explored size optimizations, ventured into SSA and loop unrolling in experimental stages, culminating in an enriching learning curve, fostering a desire for future compiler projects while adapting to emerging technologies like Babel, showcasing project relevance and parallelities.

github.com/C5H8NNaO4/reflect.js

ONLINE CV

4 weeks

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.

github.com/C5H8NNaO4/my-cv