

Stephan Giesau

Senior/Lead Full Stack Engineer

SUMMARY

- 10 years of modern application development and consulting experience
- Web Frontend & Web/JVM Backend Development, Project Management
- TypeScript, React, Next.js, Kotlin, Java, Spring Boot 3, AI Coding Assistants
- Pragmatic, business-centric engineering with an eye on the big picture

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer · Tomorrow 2021 - present

Tomorrow's mission is to build a sustainable banking product for a better future.

As a technical generalist in the Growth and Operations units, I built and managed web and backend applications that support the growing business at Tomorrow.

- **Leadership** Led complex technical projects start-to-end, including resource planning and stakeholder management. Mentored juniors and educated non-techies to improve collaboration.
- **Scaling the Business** Spearheaded an effort to implement a robust billing process for processing all customer fees at Tomorrow, fixing the previously unreliable cash flow. Built a web-based internal customer management, which streamlined customer support quality and efficiency with a tailored UX for hotline and chat.
- **Architecture Vision** Drove the definition of architecture standards for the technical platform and implemented an internal access role concept, which improved overall collaboration, maintainability and security for engineers.

Technical Specialist, Performance · Google (via Avantgarde Experts) 2019 - 2020

I advised major Google clients from all verticals on how to improve mobile advertising conversions by increasing their web page loading speed and implementing state-of-the-art web technology.

As an expert for site speed, I helped clients to set up a lasting performance culture by measuring the success of loading speed improvements. In the process, I did audits and provided recommendations for improvement, gave advice on speed metrics and monitoring, and promoted modern Web APIs and PWA with POCs and implementation support.

Senior Consultant, Web & Mobile Applications · IBM 2015 - 2019

At IBM Studios Hamburg, I worked in a team with UX designers, developers and strategy consultants to develop user-centered products in client projects, utilizing agile methods and Design Thinking.

For clients from the health care, insurance and production sectors, I worked on technical projects from beginning to successful launch, made and supported significant architectural decisions, and implemented single-page web applications as well as hybrid and native Android apps.

Cooperative Study · IBM 2012 - 2015

During my bachelor studies at IBM, I worked in the areas of research, development and consulting, focused on frontend development for big data analysis & processing. This included projects at IBM Research Lab Zurich and a major market research institution, where I wrote my thesis about predictable data visualization.

Brand identity and print design · Freelancer 2011 - present

My offerings include web design, brand and logo design, and the creation of printable assets like festival bands, banners, party flyers and graduation yearbooks.

CONTACT

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in [/stephangiesau](https://www.linkedin.com/company/stephangiesau)

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EDUCATION

B.Sc. Applied Computer Science

2015, DHBW Mannheim, Germany
(German grade 1.7, ~GPA 3.6)

German Abitur

2012 (German grade 1.2)