

Bao Tran

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Award-winning Senior Software Engineer with 8+ years of deep expertise in developing and delivering industrial digital solutions to the highest standards of performance and reliability. Demonstrated ability to enhance performance (achieving up to 30% improvements) and lead effective agile teams. Seeking to leverage my expertise in developing high-performance, user-centric applications to drive innovation and growth in the consumer market.

TECHNICAL SKILLS

- Angular (2-18), RxJS, NgRx State Management, Nx Monorepo, ag-Grid, eChart
- TypeScript, JavaScript (ES6+), HTML5, CSS3, SASS, Jest, ESLint, TSLint, Prettier
- Git, CI/CD, ArgoCD, Jenkins, Azure, Docker, Kubernetes, Helm, OpenAPI

PROFESSIONAL EXPERIENCE

SCHAEFFLER SPECIAL MACHINERY | SENIOR SOFTWARE ENGINEER

2022 - PRESENT | ERLANGEN, GERMANY

- Led the full development lifecycle of a **4-time award-winning** industrial Cockpit, from conception to deployment, achieving breakthroughs in human-machine interaction and operational efficiency, and enhancing the company's brand.
- Spearheaded Gemini-powered AI Copilot Chatbot implementation, **securing a strategic Google partnership** and showcasing leadership in adopting cutting-edge AI technologies.
- Oversaw end-to-end development of critical industrial digital assistant systems, achieving a significant **25% reduction in system downtime** and a **15% decrease in critical error fixes**.
- Drove performance optimization, delivering up to a **50% reduction in loading times** for high-volume industrial applications, substantially enhancing user experience.
- **Mentored 8+ team members** through workshops and personalized guidance, fostering professional growth and a high-performing engineering culture.

SCHAEFFLER AG | SOFTWARE ENGINEER

2018 - 2022 | HERZOGENAURACH, GERMANY

- Engineered and deployed a heat treatment process system for global **rollout across 12 international locations**, ensuring standardized implementation and operational efficiency.

BRUNEL GMBH | SOFTWARE DEVELOPER

2016 - 2018 | NUREMBERG, GERMANY

- Designed and built an iOS mobile application in collaboration with Schaeffler, illustrating how the industry can effectively access and utilize critical data.

EDUCATION

B.SC. IN INFORMATION SYSTEMS | GRADUATED 2015

- Georg Simon Ohm Technical University of Nuremberg (TH Nürnberg)

PERSONAL PROJECTS

SCOREBOARD | SOLO ENTREPRENEUR

2023 - PRESENT | NUREMBERG, GERMANY

- Designed and launched "ScoreBoard," a digital leaderboard that gamifies goal tracking for finance advisors, directly aiding 5+ leaders in achieving their targets and reaching over 300+ users.

ISSUEMATION | JOINT PROJECT LEAD

2024 - PRESENT | NEUKIRCHEN, GERMANY

- Co-managing the "Issuemation" project, creating an estimation system that empowers companies to prioritize and estimate user stories for optimized project management.