Alex Figl-Brick

PERSONAL INFORMATION

Address: Munich, Germany
Email Address: alex@alexbrick.me
Website: http://www.alexbrick.me
Citizenship: USA
Visa Status: Permanent Resident (Niederlassungserlaubnis)

WORK EXPERIENCE

Smart Reporting GmbH, Munich, Germany   November 2019 – Present
Team Lead, Software Development

- Coordinated a cross-functional team of software developers, QA engineers, and a Product Owner
- Designed technical solutions to company-wide problems, such as migrating from a legacy monolith to microservices and supporting multiple authorization schemes in a single product
- Performed code reviews and technical mentoring for others in the team
- Held trainings on technical subjects such as Java, Unicode, and HL7v2 with the department
- Led technical maintenance, such as updating to newer versions of Node.js
- Brought business context and background to the team to understand the technical tasks
- Informed Product about technical feasibility of feature requests
- Met with representatives of partner companies to understand their requests and design solutions

Definiens AG, Munich, Germany   April 2017 – November 2019
Manager, Software Development

- Managed two scrum teams of software developers
- Encouraged scrum best practices within the teams
- Set vision and priorities for the software department
- Organized work across software, IT, and regulatory departments

Senior Software Developer

- Developed microservices architecture for retrieving metadata and content of objects in the system
- Introduced modern software infrastructure, including Docker, Kubernetes, and Nginx
- Worked with product owners to engineer requirements and understand user needs
- Coached department on scrum and agile best practices
- Participated in design reviews and merge requests across teams

Porch, Seattle, WA, USA   August 2015 – February 2017
Senior Full-Stack Engineer

- Developed and maintained a single-page web frontend using Node.js and React
- Implemented highly-available microservices with Scala, Dropwizard, and Kubernetes
- Worked closely with designers to develop effective user interfaces

Amazon, Seattle, WA, USA   August 2011 – June 2015
Software Development Engineer

• Implemented many new projects and microservices with high availability
• Maintained and smoothly migrated several legacy services
• Acted as technical lead and performed many design reviews
• Acted as scrum master to organize agile methodologies
• Mentored and taught many coworkers and interns

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Scala, Rust, SQL, HTML, CSS, Less
JVM Frameworks: Spring, Spring Boot, Hibernate, JUnit, Scalatest
JS / TS Frameworks: Express, NestJS, Jest, Cypress
Frontend Frameworks: React, Angular
Other Technologies: OpenAPI, Docker, Kubernetes

EDUCATION

Northeastern University, Boston, MA, USA   2006 – 2011
Master of Science in Computer Science, 2011
Bachelor of Science in Computer Science, 2010
Minor in Mathematics

J.F. Oberlin University, Tokyo, Japan   2009
Japanese Studies

Winston Churchill High School, Potomac, MD, USA   2002 – 2006

LANGUAGES

• English (Native speaker)
• German (Advanced, C1/C2)
• Spanish (Advanced Beginner)
• Japanese (Advanced Beginner)

INTERESTS

• Folk dancing
• Travelling the world
• Hiking, skiing, cycling, scuba diving