FLORIAN BÜHLER

FULL STACK DEVELOPER

CONTACT

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KEY SKILLS

FRONTEND DEVELOPMENT

- JavaScript / ES6
- TypeScript
- React.js
- HTML5
- CSS3 / SASS
- Gatsby
- Bootstrap

BACKEND DEVELOPMENT

- C#
- ASP.NET Core
- Node.js
- REST APIs
- Docker
- Postgres

GENERAL

- Scrum
- Git / GitHub / GitLab
- Domain-Driven Design
- Test-Driven Design

PROFILE

I am a passionate full stack developer with a strong hands-on mentality and over 3 years of experience building scalable web applications in agile teams from front to back - for both prototypes and existing systems. I possess strong analytical, methodical and problem-solving skills sharpened during five years of mathematical education and over four years of work as a consultant and senior consultant for multiple clients.

On a day to day basis I am engaging with requirement gathering, solution design, documentation, coordination with business owners, implementation and testing.

EXPERIENCE

SENIOR CONSULTANT, D-FINE, FRANKFURT

MARCH 2017 - PRESENT

D-fine is a leading European consulting firm with scientifically minded employees, which provides innovative, customized and futureproof software solutions for complex challenges.

During my time with d-fine I worked and am currently working on projects for multiple clients including:

- **EXTENSION OF A MICROSERVICE PLATFORM**

  JULY 2020 – PRESENT

  Extending and improving a microservice based platform for a new market offering of a big German stock exchange in an agile team - including the creation of a responsive landing page, large redesign and inclusion of new features for the frontend and enhancement of the microservices based backend in coordination with business owners.

  The used tech stack includes: React.js, TypeScript, HTML5, SASS, Gatsby, ASP.NET Core, Postgres, REST APIs, GitLab

- **DEVELOPMENT OF A MOBILE COUPON PLATFORM**

  APRIL 2020 – JUNE 2020

  Developed a responsive landing page and a mobile first single page application for a coupon platform from front to back in an agile team. Including the setup and configuration of multiple development, a pre-live and a live environment on AWS and GitLab CI / CD pipelines for automated testing and feature deployment.

  The used tech stack includes: React.js, JavaScript, TypeScript, HTML5, SASS, Gatsby, ASP.NET Core, Postgres, REST APIs, GitLab

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LANGUAGES

- German - native
- English - proficient
- Chinese - beginner

CERTIFICATIONS

- Professional Scrum Master

- **DEVELOPMENT OF A MICROSERVICE PLATFORM (MVP)**

  FEBRUARY 2019 – APRIL 2020

  Developed an MVP of a microservice platform for a big German stock exchange in an agile team. The MVP was a prototype for a crypto token emission platform, including user management, project management and ultimately the semi-automatic deployment of (custom) smart contracts on the blockchain.

  The used tech stack includes: React.js, TypeScript, HTML5, SASS, ASP.NET Core, Postgres, REST APIs, GitLab

- **FEATURE DEVELOPMENT IN A FINANCIAL DATA WAREHOUSE**

  MARCH 2017 – NOVEMBER 2018

  Analyzed and implemented customer requirements in a financial data warehouse for a large German universal bank. Created business and technical implementation concepts for multiple financial reports, based on regulatory and systems requirements. Designed, executed and documented test cases for the implementations and provided test support for business users, including support for necessary hot fixes.

INTERNSHIP, ZEB CONSULTING, MÜNSTER

MARCH 2014 - JUNE 2014

Restructured and migrated a MS-Excel / VBA prototype for the calculation of financial key figures into F# by creation of a custom Excel add-in. This vastly increased the usability, configurability and gave a vast boost to the performance of the calculations - allowing for more accurate estimates.

Migrated calibration procedures of a LIBOR market model from MATLAB to the functional programming language F#.

EDUCATION

MASTER OF SCIENCE IN MATHEMATICS AND MANAGEMENT

ULM UNIVERSITY, GERMANY – GRADE: 1.3

OCTOBER 2014 – NOVEMBER 2016

Thesis: Testing new Approaches for the Prediction of Global Stock Markets (1.0)

ERASMUS SEMESTER IN MATHEMATICS AND MANAGEMENT

MIDDLE EAST TECHNICAL UNIVERSITY, TURKEY

OCTOBER 2015 – JANUARY 2016

BACHELOR OF SCIENCE IN MATHEMATICS AND MANAGEMENT

ULM UNIVERSITY, GERMANY – GRADE: 1.5

OCTOBER 2011 – JULY 2014

Thesis: Efficient Approximation of the VaR in a One-Factor Firm Value Model through Importance Sampling