



Martin Milbradt

IT-Consultant | Software Engineer | Mathematician

Overview

- since 2019 **Martin Milbradt Consulting**, *Berlin*, Freelance IT-Consultant.
- 2018–2019 **msg systems AG**, *Ismaning*, Business Consultant, Integration Consulting.
Department actuarial services
- 2016–2017 **Diploma**, *The optimal constant of the Burkholder-Davis-Gundy Inequality for Brownian motion.*
- 2008–2017 **Humboldt University**, *Berlin*, Major in mathematics with a minor in informatics.
Focus on finance, stochastics and artificial intelligence

Consulting

- Volkswagen **Insurance, leasing, banking and services**, *Braunschweig*.
 - Financial Services
 - Coordination of test, release and deployment processes;
 - Writing and analysis of requirements;
 - Coordination and analysis of interfaces;
 - Retirement of deprecated services;
 - Coordination of international partners;
 - On-site and remote (since 03/2020 exclusively remote).
- HDI / Talanx **Insurance of companies & liberal professions**, *Hannover*.
 - Design of new and migration products;
 - Substantive and technical analysis of requirements;
 - Creation of data processing concepts;
 - Analysis and evaluation of insurance portfolios;
 - Coordination and analysis of interfaces;
 - On-site and remote.
- Manifold **Prediction market**, *Austin, TX, USA*.
 - Markets
 - Major feature: Automatic market resolution;
 - Refinement of mathematical models;
 - Quality assurance.

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IT Experience

msg.PM **PMQ and PM.Designer.**

- Design and implementation of financial products;
- Creation and documentation of developer, acceptance and regression tests;
- Migration to PM.Designer and from PM.Designer to PMQ;
- Implementation of change requests, incident resolution and defect handling.

(ASP).NET **Front-End and Middleware.**

- Integration of new services into an existing system landscape;
- Creation and maintenance of NuGet packages;
- Implementation of change requests, incident resolution and defect handling;
- Migration from TVC to Git;
- Retirement of deprecated services;
- Supporting the migration to Azure stack and an on premise cloud.

Angular **Front-End.**

- Integration of a customer framework;
- Independent development;
- Migration from TVC to Git;
- Supporting the migration to Azure stack and an on premise cloud.

React **Front-End with BaaS.**

- Firebase as BaaS;
- Tailwind as CSS Framework;
- Vercel deployments;
- Open Source.

Miscellaneous **Standard software and in-house development.**

- Tools
- Developing software solutions to automate manual tasks;
 - Developing automated regression tests;
 - Error analysis in surrounding systems;
 - Testing software packages from within other systems.

DevOps

Azure **.NET and Angular projects.**

- DevOps
- Supporting the migration to an on premise cloud;
 - Performance monitoring and incident analysis in Application Insights;
 - Error analysis in surrounding systems;
 - Technical support and administration of a four-tier system landscape;
 - Deployments including productive environments;
 - First, second and third level support.

Other Software Experience

Business MS Office, ALM, Sharepoint, Jira, Confluence, SAP ChaRM, IT Service Manager, LaTeX

Development Git, Powershell, Oracle SQL, Postman, SoapUI, Python, MATLAB, Java, Application Insights, SAP for Insurance, LAM