Thomas Gensicke

freelance software development

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Skills

Focus

Fullstack Web Development

Languages

Go (Golang), Typescript, Javascript, PHP, Dart, SQL, Sass/CSS, Shell

Standards

REST, Microservices, protobuf/gRPC, Websockets, JWT, TDD, git, Gitlab, Webpack, Parcel, Rollup, Vite, Babel

Frameworks & Runtimes

Symfony, vue.js, node/deno, express.js, koa, Flutter, Doctrine, Mongoose

DevOps

Docker & Compose, Podman, Traefik, Kubernetes, Skaffold, Gitlab CI/CD

OS

Linux (Arch, Debian, Alpine)

Other

Scrum, Jira, nginx, MySQL, Postgres, sqlite, MongoDB, Firebase

Latest projects

S-KON GmbH / Mediamarkt, Saturn (2021)

Backend: Go, gRPC, Kubernetes, Docker & Gitlab
Migrating PHP monoliths in GAE to a **Golang microservice** solution hosted **with Kubernetes** in GKE using **gRPC** and **REST** for communications and data transfers. **CI/CD** pipelines in **Gitlab** for automated deploys. Architecture and development of additional services for various applications with Minikube and **Skaffold**. Designing and building a global service layer providing microservice endpoints for different clients, using a service mesh provided by **linkerd**.

OrganicRT GmbH (2020)

Fullstack: vue.js, node, nest, Typescript, MySQL
Building a software for doctor's offices, including the backend, the office frontend and the patient app. Backend tech: **node/nest.js/Typescript, Websockets, REST, CQRS, MySQL**. Frontend tech: **vue.js, Vuetify, Typescript**. App: **ionic Framework** (Hybrid Android/IOS) with **vue v3**, Capacitor and native plugins. CI/CD done with **Gitlab** and **Docker**.

KayFu Catering (2020)

Fullstack: vue.js, node, Firebase, Flutter
Building menu selection **PWA** applications (Public, Admin) with **vue.js** and **vuetify**. Integrating the backend via Googles **Firebase** NoSQL DB, handling resource heavy tasks with **nodejs** cloud functions. Migrating the public application to a native **Flutter** based app, automated deployments via **Gitlab CI/CD**.

Fliit Holding GmbH (2020)

Fullstack: vue.js, nuxt, node, Docker
Migrating a logistics application for handling tours, drivers and shippers from React to **vue.js** in a **nuxtjs** app. Integrating a **Gitlab CI/CD** Pipeline and deployments to AWS. **nodejs** for **REST APIs** and messaging components deployed in **AWS Lambda** functions.

Aperto/IBM (2020)

Frontend: vue.js
Building, maintaining and extending a custom shop and website frontend for a big electronics company built with **vue.js**.

S-KON GmbH / Mediamarkt, Saturn (2019)

Fullstack: Go, React, Docker
Architecture and development of new and existing apps to **microservices** written in **Go** for various tasks to ease the network load. **Docker**ized cloud deployments in **Kubernetes**. SPA implementations done with **React**.

successyou GmbH / Coca-Cola (2018 - 2019)

Frontend: vue.js
Building frontend app components with **vue.js** for a european customer portal with country based storefronts on a Salesforce backend. Creating CI pipelines on a Bitbucket/Bamboo integration.

Skygate GmbH / KPMG (2018)

Backend: Symfony
Building a dynamic form configurator to let end users calculate an individual offer based on the answers given in the form. The complete form can be controlled via a YML configuration by the customer and is easily changeable.

Justix GmbH / hellolaw.com (2017 - 2018)

Fullstack: Symfony, Go, Docker, vue.js, ELK
Building an Enterprise CRM based on Symfony distributed in **Docker** containers for managing existing and new customers, including product-, cart-, invoice- and case handling. Developing REST APIs to connect different apps. Implemented a **RabbitMQ** & HTTP based message handler and **JWT** based API authenticaton. Rebuilding the CRM Frontend with a **vue.js** based approach. Refactoring/Rebuilding the CRM Backend to a custom **Symfony 4** based solution, implemented with the twelve-factor app methodology in mind.

digitote Ltd / napasai Media (2017)

Fullstack: Silex
Admin dashboard for managing video uploads to wetten.tv by Ulli Potofski's Media Company. Manages upload of large video files, generates playlists, handles descriptions.

wetten.tv (2016 - 2017)

Fullstack: Symfony, vue.js
Development of custom bundles to share data with a C based DB backend from the customer. Custom payment bundles including Paypal, Wirecard, Paysafe and others. Integrating Services and Listeners for handling special betting cases. Integration of a geolocation backend and an admin dashboard for handling page content. Integration of DPA Sportnews as Symfony Application. Live dynamic display of sport results, Integration of a casino application.

goalti.me (2015-2016, cancelled)

Fullstack: Symfony, angular 1
Symfony integration into a custom DB backend from the customer. Integration of sportsbook data from backend API. Development of custom bundles.

digitote Ltd (2015 - 2017)

Fullstack: Symfony, Android, angular 1
Development of software which runs on terminals from Siemens. Included an app to scan a betting ticket and communicate with the backend server. Development of the digitote website. UI development after design specifications, building an angular.js based statistics center.

Blacksquared GmbH / changers.com (2015)

Backend: Symfony
Development of a MarketplaceBundle, where users which are using the customer app could login and exchange earned app points against customer specified goods. Includes an admin dashboard for handling the items, points and customers.

Education

2014

Symfony 2 / Twig Certification

2005 -

Freelancing web developer

2004 - 2005

Web developer (ASP.NET/MSSQL) Gematik / eGesundheitskarte

2002 - 2004

Education Fachinformatiker / Anwendungsentwicklung, CODie Software Potsdam (Cryptographic modules in C#)