

# Mia Heidenstedt

Software Developer

[Email](#) [Web](#) [GitHub](#) [LinkedIn](#) [Xing](#) [Mastodon](#)

Location: Berlin, Germany  
Pronouns: She/Her  
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Phone: Available on request  
Human Languages: German, English  
Year of Birth: 1996



## Selected Skills

### Key Skills

Golang, TypeScript, JS, Docker

### Languages

Golang, TypeScript, JavaScript, SQL, C#, CSS, HTML, PHP, Python, Liquid, Rust

### Frameworks

Symfony, Doctrine, Selenium, Jest, Codeception, Svelte, Vue, Redux

### Databases

MySQL, CouchDB, RocksDB, PouchDB, Redis, SQLite, Postgres, MongoDB, DocumentDB, InfluxDB

### Systems

Linux (Debian / Ubuntu), Kubernetes, Docker, Docker-Compose, Terraform, Nginx, Shell-Scripting, Git, Docker, IPFS, Node, Jenkins, Google Cloud Functions, WASM etc.

## Work Experience

### Senior Golang Developer @ Devoteam GmbH

January 2023 - Now

**Used Tech:** Golang, IBM MQ, Jenkins, Kubernetes, Helm, EDLS, Lambdas, OpenSearch, BlackDuck, SonarQube, Github Action, Docker, ECS, Stepfunction, S3, API Gateway, EFS, MongoDB, DocumentDB

#### Tasks:

- Implemented IBM Message Queue using Go SDK
- Implemented Go Lambdas with EFS and resource optimization
- Cloudwatch and Postgres interactions in Go Lambdas
- Created Step Function with Open Search compatible logs
- Implemented REST interface with Open API documentation
- Created and expanded Github Actions Pipelines
- Set up a prototype of a Kafka system
- Jenkins build and deploy Pipelines
- Maintenance, Speed optimization and intensive Debugging of Go code and surrounding Stack

### Golang Developer @ Fireball Labs GmbH

April 2022 - October 2022

**Used Tech:** Golang, Svelte, ClickHouse, MySQL, Typescript, Git

#### Tasks:

- Implemented a interface for batch processing domain changes in nicmanager with the corresponding front end
- Build a background job to sync domains from nicmanager to Postgres
- Build a dashboard with statistics generated from ClickHouse
- Optimized various parts for speed and performance
- Initiated and implemented a swtich to a mono git repo

### Frontend Developer @ netshake GmbH

March 2021 - April 2022

**Used Tech:** JavaScript, PHP, Liquid, Shopify, Git, CSS

#### Tasks:

- implemented a synchronization middleware between MOEVE and Shopify for inventory, vouchers, orders, refunds and othe ERP functions
- build a framework to generate PDF-coupons through Shopify APIs
- build a module that allows to generate a slider with simple liquid instructions
- build various Shopify Shops

### Apprenticeship Computer Science Expert @ Intermetrics GmbH

March 2018 - February 2021

**Used Tech:** JavaScript, TypeScript, PHP (Symfony/Doctrine), Node, C#, Svelte, Vue, Redux, Mercurial, Google Cloud Functions, CSS, Jest, PHPUnit, Codeception, Selenium

#### Tasks:

- build a system to show the expected areas of change of a html module through css parameter changes
- implemented a low bandwidth, low latency system to sync nested data between the frontend and the server without interruptions for user in case of mild race conditions
- build a system to stack css animations and transitions
- prototyped a ui framework on top on shadow DOMs and Web Components

### Managing Director @ my own company

September 2016 - April 2018

**Used Tech:** JavaScript, Python, Bash-Scripting

#### Tasks:

- build a daemon to manage and run a small cluster of nodes for cluster rendering Systems
- used varoius software to machine with CNC Systems
- market investigation conducted
- sales and marketing

## Projects

### ouroboros-db

A versioned, distributed key-value store designed with a focus on data integrity.

<https://github.com/i5heu/ouroboros-db>

**Used Tech:** Golang

### Faultier-CV

Generated this CV

<https://github.com/i5heu/Faultier-CV>

**Used Tech:** TypeScript

### bonito-cache

Just hook it in front of your public S3 bucket and enjoy reduction in bandwidth costs from your bucket.

<https://github.com/i5heu/bonito-cache>

**Used Tech:** Golang

### TestDreadnought

Highly adoptable api test Framework for large and complex projects.

<https://github.com/i5heu/TestDreadnought>

**Used Tech:** Golang

### github-readme-commit-streak-stats

Public service to show GitHub statistics

<https://github.com/i5heu/github-readme-commit-streak-stats>

**Used Tech:** Golang

### LGBTQIA.space

Running a public Mastodon instance for the LGBTQIA Community.

<https://lgbtqia.space>

**Used Tech:** Docker-Compose, Minio S3, Shell Scripting, Ubuntu, Grafana, Prometheus, Loki, InfluxDB

### PathfinderBeacon

A Public Service that does allow you to find other notes with the same key, works with DNS.

<https://pathfinderbeacon.net>

**Used Tech:** Golang, DNS, Docker, Kubernetes

### tor-simple-hidden-website

Create a hidden service with a static webpage in one minute.

<https://github.com/i5heu/tor-simple-hidden-website>

**Used Tech:** Docker

## Hobbys

Programming, Reading, Sailing, Community Work

Last Update: 2024-07-27