

# Johann Emrich



## Personal

Name Johann Emrich

Birthday 03/19/1987

Birthplace Eutin

Nationality German

## Skills

Node.Js

Go

Python

JavaScript / TypeScript

Gatsby.Js

React.Js

HTML5 / CSS3

Amazon Web Services

NoSQL DB

SQL DB

## Education



10/2014 - 10/2017

**Studies of media informatics - BA**

Beuth University of Applied Sciences, Berlin



08/2011 - 01/2014

**Education photographer - Journeyman**

adP Photostudios GmbH, Hamburg



08/2010 - 01/2011

**Training rescue paramedic**

ASB Hamburg, Hamburg



08/1997 - 08/2008

**Abitur (equivalent to A-levels)**

Baltic Gesamtschule / Johanneum zu Lübeck, Lübeck

## Certificates and qualifications



04/2020

**Cloud Architecture with Google Cloud Specialization**

Coursera



03/2020 - 03/2022

**Contentful Certified Professional**

Contentful



11/2019

**Grundlagen des Onlinemarketings**

Google



11/2018

**AWS Certified Solutions Architect - Associate**

Amazon Web Services



02/2018

**Machine Learning**

Coursera / Andrew Ng



[www.linkedin.com/in/johannroehl](https://www.linkedin.com/in/johannroehl)



[www.github.com/jroehl](https://www.github.com/jroehl)

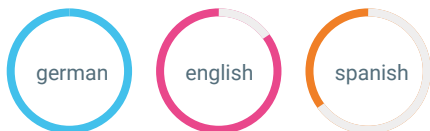


[www.xing.com/profile/johann\\_roehl](https://www.xing.com/profile/johann_roehl)

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## Languages



## Tools, methods, frameworks

Agile, Amazon Web Services (AWS), Application Programming Interfaces, Bash, Bitbucket, Bootstrap, CSV, Chrome Developer Tools, CircleCi, Content Management Systems (CMS), Contentful, Continuous Integration and Continuous Delivery (CI/CD), Cybersecurity, Docker, Full-Stack Development, GIT, GSuite, Git, GitHub, Go, Google Cloud Platform (GCP), HTML/CSS, Holacracy, JIRA, JSON, JavaScript, Kanban, Kubernetes, Microsoft Visual Studio Code, MongoDB, MySQL, Netlify, Node.js, Objectives and Key Results (OKRs), PostgreSQL, React.js, Responsive Webdesign, SQL, SVG, Scrum, Security Awareness, Shell-Scripting, Slack, Softwaredevelopment, TypeScript, Web Services, XML, Yaml

## About me

As a CTO and experienced full-stack developer, I bring 8+ years of expertise in backend and frontend development, as well as DevOps with a primary focus on AWS. I am an organized and driven team player, blending logic with creativity to deliver results. My advanced proficiency in Node.js, Go, JavaScript (TypeScript), HTML5, CSS3, React.js, and Gatsby.js enables me to develop innovative and scalable solutions for complex challenges. Let's connect and explore how I can contribute to your next project.

## Work

- 03/2014 - today

**Software developer & Web designer | Freelance**

Berlin, [www.hinterland.software](http://www.hinterland.software)

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- 06/2019 - 03/2021

**Chief Technology Officer | HERMONE | Part-time Freelance**

Berlin, [hermone.health](http://hermone.health)

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- 06/2019 - 03/2021

**FullStack JS developer | Contentful GmbH**

Berlin, [www.contentful.com](http://www.contentful.com)

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- 01/2018 - 06/2019

**Software developer | MYCS GmbH**

Berlin, [www.mycs.com](http://www.mycs.com)

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- 01/2017 - 01/2018

**Working student | MYCS GmbH**

Berlin, [www.mycs.com](http://www.mycs.com)

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- 08/2015 - 01/2018

**Working student | GIGA**

Hamburg, [www.giga-hamburg.de](http://www.giga-hamburg.de)

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- 02/2014 - 04/2014

**Photographer | adP Photostudios GmbH**

Hamburg, [www.adp-photostudios.de](http://www.adp-photostudios.de)

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- 06/2009 - 05/2010

**Employee IT administration | ZVS GmbH**

Hamburg

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## Selected projects - freelance

### CMS Migration Project

AWS, Contentful, GitHub Actions, Node.js, React.js, Terraform, TypeScript

Migration of a legacy CMS to Contentful for a large news company. This includes content migration, creating custom frontend apps in React.js and TypeScript, backend apps in Node.js and TypeScript, AWS Terraform for infrastructure, and leveraging GitHub Actions for CI/CD.

### Interim Chief Technology Officer

AWS AppSync, Architecture, CDK, Contentful, Docker, GitHub Actions, Project Management, React Native, Serverless

Served as Interim CTO for a Femtech company, where I was responsible for planning and implementing AWS serverless infrastructure, developing a React Native app, providing strategic consulting, and managing the project.

### Multilingual company website

AWS Gateway, AWS Lambda, Contentful, FlowFact API, GatsbyJs, IS24 API, Netlify, NodeJS, ReactJs

Design and implementation of a multilingual website, with a serverless contact form and an individual solution for the display and synchronization of company real estate.

### Twitter Project

AngularJS, GraphQL, MongoDB, Python, TwitterAPI

Development of tools for the collection of Tweets from Twitter APIs, and processing of these data for network analyses for a social science research project on the linkages of Arab Islamists on Twitter.



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## Selected projects - employed

### CiCd process Netsuite

Bash, CircleCi, Go, Netsuite, NodeJs, SuiteTalk

Conception and implementation of a CiCd workflow to allow adopting modern development practices in Netsuite. Implementation of an open source cli for useful file handling features in Netsuite.

### ECS, EKS setup and integration

AWS, Bash, Docker, Kubernetes

Setup of a cloud container orchestration service (EKS and ECS) and migration of existing APIs.

### Warehouse API

AWS, CircleCi, Go, IoT, NodeJs, PostgreSQL

Design and implementation of an API automating the label prints in the warehouse.



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