

# Johann Emrich



## Personal

|             |             |
|-------------|-------------|
| Name        | Johann Röhl |
| Birthday    | 03/19/1987  |
| Birthplace  | Eutin       |
| Nationality | German      |

## Skills

|                         |                        |
|-------------------------|------------------------|
| Node.Js                 | <div><div></div></div> |
| Go                      | <div><div></div></div> |
| Python                  | <div><div></div></div> |
| JavaScript / TypeScript | <div><div></div></div> |
| Gatsby.Js               | <div><div></div></div> |
| React.Js                | <div><div></div></div> |
| HTML5 / CSS3            | <div><div></div></div> |
| Amazon Web Services     | <div><div></div></div> |
| NoSQL DB                | <div><div></div></div> |
| SQL DB                  | <div><div></div></div> |

## Education

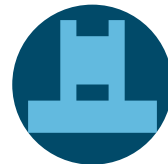
|                   |   |
|-------------------|---|
| 10/2014 - 10/2017 | <b>Studies of media informatics - BA</b><br>Beuth University of Applied Sciences, Berlin    |
| 08/2011 - 01/2014 | <b>Education photographer - Journeyman</b><br>adP Photostudios GmbH, Hamburg                |
| 08/2010 - 01/2011 | <b>Training rescue paramedic</b><br>ASB Hamburg, Hamburg                                    |
| 08/1997 - 08/2008 | <b>Abitur (equivalent to A-levels)</b><br>Baltic Gesamtschule / Johanneum zu Lübeck, Lübeck |

## Certificates and qualifications

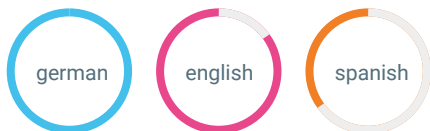
|                   |   |
|-------------------|---|
| 04/2020           | <b>Cloud Architecture with Google Cloud Specialization</b><br>Coursera      |
| 03/2020 - 03/2022 | <b>Contentful Certified Professional</b><br>Contentful                      |
| 11/2019           | <b>Grundlagen des Onlinemarketings</b><br>Google                            |
| 11/2018           | <b>AWS Certified Solutions Architect - Associate</b><br>Amazon Web Services |
| 02/2018           | <b>Machine Learning</b><br>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

From workflow diagrams to user interfaces I am passionate about crafting simple, clear and functional designed experiences. If I'm not sitting in front of the Mac - coding or pushing pixels, you'll find me in the mountains, behind the camera or at the wok.

## Work

-  03/2014 - today  
**Software developer & Web designer | Freelance**  
 Berlin, [www.hinterland.software](http://www.hinterland.software)
-  06/2019 - 03/2021  
**Chief Technology Officer | HERMONE | Part-time Freelance**  
 Berlin, [hermone.health](http://hermone.health)
-  06/2019 - 03/2021  
**FullStack JS developer | Contentful GmbH**  
 Berlin, [www.contentful.com](http://www.contentful.com)
-  01/2018 - 06/2019  
**Software developer | MYCS GmbH**  
 Berlin, [www.mycs.com](http://www.mycs.com)
-  01/2017 - 01/2018  
**Working student | MYCS GmbH**  
 Berlin, [www.mycs.com](http://www.mycs.com)
-  08/2015 - 01/2018  
**Working student | GIGA**  
 Hamburg, [www.giga-hamburg.de](http://www.giga-hamburg.de)
-  02/2014 - 04/2014  
**Photographer | adP Photostudios GmbH**  
 Hamburg, [www.adp-photostudios.de](http://www.adp-photostudios.de)
-  06/2009 - 05/2010  
**Employee IT administration | ZVS GmbH**  
 Hamburg

## Experience abroad

-  09/2018 - 05/2009  
**Canada**  
 Work and Travel YMP
-  06/2006 - 08/2006



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



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

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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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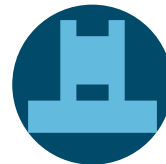


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## Selected projects - freelance

### CMS Migration Project

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

### 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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