

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



www.github.com/jroehl



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
-  06/2019 - 03/2021
Chief Technology Officer | HERMONE | Part-time Freelance
 Berlin, hermone.health
-  06/2019 - 03/2021
FullStack JS developer | Contentful GmbH
 Berlin, www.contentful.com
-  01/2018 - 06/2019
Software developer | MYCS GmbH
 Berlin, www.mycs.com
-  01/2017 - 01/2018
Working student | MYCS GmbH
 Berlin, www.mycs.com
-  08/2015 - 01/2018
Working student | GIGA
 Hamburg, www.giga-hamburg.de
-  02/2014 - 04/2014
Photographer | adP Photostudios GmbH
 Hamburg, www.adp-photostudios.de
-  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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