

Personal information

Christian Neuhäuser

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twitter_	http://twitter.com/kwizzn
github_	http://github.com/kwizzn
date of birth_	09.07.1977
place of birth_	Munich, Germany
family status_	Married, 2 kids

Studies

SAE Institute Munich

2001 – 2002	Multimedia Producer Diploma
2002 – 2004	Bachelor of Arts (Honours), Multimedia Arts Degree

Skills

Languages

JavaScript / TypeScript / Node.js, PHP, Python, bash

Backend & API Frameworks

Express, Restify, Hapi, Symfony, GraphQL

Operations & (Cloud) Infrastructure

AWS (EC2, ECS, RDS, EKS, Lambda, Serverless, S3, ELB, VPC, CloudFormation, CloudWatch, SNS, SES, SQS, Route53), Kubernetes, Docker & Swarm, ELK (Elasticsearch, Logstash & Kibana), Hystrix, Consul, OAuth2, JWT, nginx, Apache, HAProxy, Postfix, GraphicsMagick, GDlib, ffmpeg, Red5

Blockchain powered Decentralized Apps (dApps) & Cryptocurrency Integration

Solidity, Bitcoin Protocol, EVM (Ethereum etc.), ChainLink, BitShares, CryptoNote

Databases & Message Queues

MySQL, PostgreSQL, Elasticsearch, Redis, DynamoDB, Couchbase, CouchDB, MongoDB, RabbitMQ, SQS

HTML5 & Progressive Web App Development (PWA)

Javascript (React, Flux, Redux, Websockets, Backbone.js, webpack, Browserify, jQuery, ExtJS)
Templating (JSX, Handlebars, Mustache, Twig, Underscore)
CSS3 (SASS, Stylus, LESS, Compass, Bootstrap, MaterialUI, AntDesign)

Native App Development

PhoneGap (Apache Cordova): Android, iOS
Electron: Windows, MacOS & Linux

Content Management (CMS) & E-Commerce

TYPO3, WordPress, osCommerce, Magento

Build & Deployment Frameworks & Packaging

npm, yarn, Composer, Grunt, Gulp, Bower

Test Driven Development (TDD)

Mocha, Jest, Jasmine, PhantomJS, Chai, Sinon, PHPUnit, Puppeteer, Nightwatch.js (Selenium), Cypress IO, ESLint

Continuous Deployment & Integration (CD/CI)

Jenkins, CodeShip, Travis CI, GitHub, GitLab CI

OS

MacOS, UNIX (FreeBSD), Linux (Debian, Ubuntu)

Revision Control

Git, Mercurial, Subversion

Agile Frameworks

Scrum, Kanban, SAFe

Awards

- 2009 Elevator Pitch in the Elevator Content Forum
- 2009 Web 2.0 Startup Award (roccatune), Most innovative Content-Start-up (roccatune)
- 2007 Jahrbuch der Werbung 2007: Ariel Pocket (coma ag), Braun Pulsonic (coma ag), Ferrero Garden (coma ag), Herbal Essences (coma ag)
- 2006 Jahrbuch der Werbung 2006: coma Kinospot (coma ag), Franziskaner Weissbier (coma ag), Wash&Go (coma ag)
- 2005 Jahrbuch der Werbung 2005: Kraftanlagen München (coma ag), Löwensenf (coma ag)

Industries

- information, software & communication
- financial, e-commerce & insurance
- blockchain & crypto
- media
- gastronomy & travel
- advertising & brands
- automotive
- arts, entertainment, music & video
- public administration

Languages

- German (fluent)
- Englisch (fluent)
- French (basics)
- Spanish (basics)

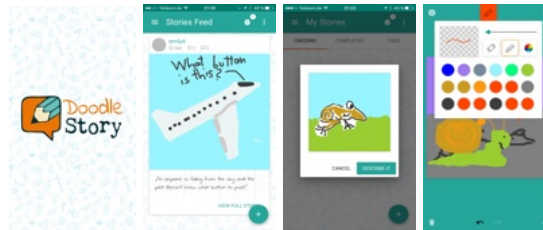
Personality

- analytical: "Able to analyze complex problems and design effective solutions"
- innovative: "Continually looking for new and creative ways to solve problems or improve processes"
- collaborative: "Comfortable working with clients, other freelancers, or teams"
- proactive: "Taking initiative, addressing potential issues before they become problematic"
- self-motivated: "Capable of staying productive without external supervision"

Interests

- Internet** blockchain & cryptocurrencies, internet of things, chatbots, UI design & usability
- Hobbies** music (piano, guitar, bass, band), mountain biking, climbing, diving, snowboarding, baseball

Story



04/2013 → today

Co-Founder & CEO at TYPE10 Media GmbH

Sector startup, media, software

Technologies [node.js](#) [express](#) [docker](#) [aws-ecs](#) [aws-s3](#) [aws-sdk](#) [aws-cloudwatch](#) [elasticsearch](#) [logstash](#) [kibana](#) [cordova](#) [mocha](#) [oauth2](#) [consul](#) [graphicsmagick](#) [swagger](#) [reactjs](#) [flux](#) [sass](#)

Occupation

- Conception, consulting, development and distribution of cross platform multimedia apps and games
- Creating the Node.js based API for the TYPE10 mobile game "DoodleStory"



11/2021 → 12/2024

Co-Founder, CEO & Blockchain Developer at RatAlert DAO

Sector web3, gaming

Technologies [solidity](#) [chainlink](#) [graphql](#) [node.js](#) [aws-rds](#) [serverless](#) [grafana](#) [docker](#) [aws-ecs](#)

Occupation

- Developing Solidity smart contracts and deploying on Polygon blockchain
- Coordinating code audits with CertiK
- Developing & deploying backend services & REST API



Algorithmic trading framework for high-frequency

- Arbitrage trading
- Swing & trend trading
- Automated market making (AMM)
- NFT bidding

03/2021 → today

Co-Founder, CEO & Backend Developer at DegenBots

Sector financial services

Technologies [typescript](#) [web3.js](#) [ccxt](#) [mongodb](#) [rabbitmq](#) [mysql](#) [grafana](#) [aws-kubernetes](#) [aws-ecs](#)

Occupation

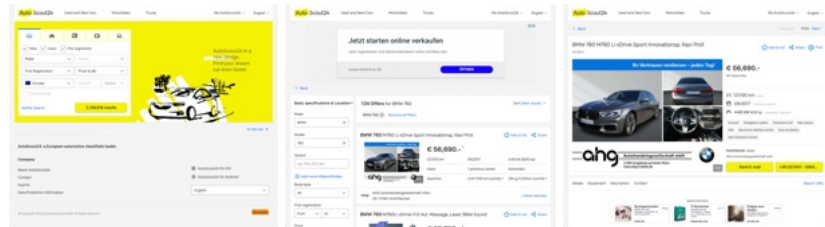
- Multitude of microservices handling historic & live trading data on both CEXs & DEXs, position execution & risk management strategies
- Deployment pipelines on AWS Kubernetes & ECS
- Management through APIs & React UIs, Visualisation on Grafana



11/2020 → 03/2021

Freelance consultant in the OTT Squad at CBC Cologne Broadcasting Center GmbH (for RTL Television)

- Sector** video, entertainment
- Technologies** [node.js](#) [nestjs](#) [express](#) [browserstack](#)
- Occupation**
- Migrating TVNow's backend-for-frontend (BFF) OTT app into a NestJS architecture
 - Enabling synergies by coordinating shared NestJS components with other teams
 - Introducing BrowserStack as a new OTT testing framework



02/2020 → 07/2020

Freelance consultant at AutoScout24 GmbH

- Sector** automotive
- Technologies** [aws-ec2](#) [kubernetes](#) [datadog](#) [python](#) [golang](#)
- Occupation**
- AutoScout24 carve-out: Migrating the vertical's 500+ multi-account infrastructure into a new AWS organization
 - Evaluating cost saving potential & reducing EC2 & network traffic costs by >60%



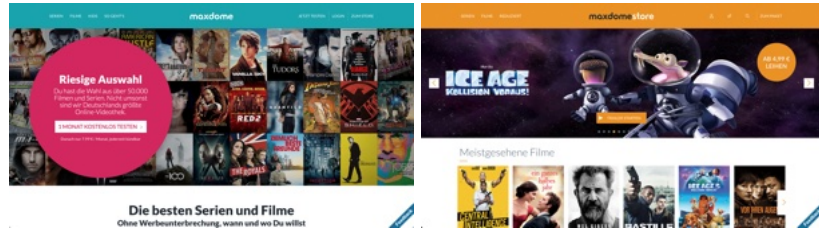
Blockshifters

04/2018 → 01/2020

Freelance consultant at Blockshifters GmbH

- Sector** blockchain & crypto
- Technologies** [node.js](#) [express](#) [microservices](#) [blockchain](#) [deployment](#) [bitcoin](#) [ethereum](#) [bitshares](#) [cryptonote](#) [docker](#) [swarm](#) [aws-ec2](#) [aws-s3](#) [aws-cloudwatch](#) [oauth2](#) [swagger](#)
- Occupation**
- Creating a highly scalable decentralized crypto exchange gateway based on Node.js microservices and the BitShares blockchain
 - Automating deployments of blockchain daemons on Docker swarms

maxdome



03/2016 → 01/2018

Freelance backend developer at Maxdome GmbH

Sector

video, entertainment

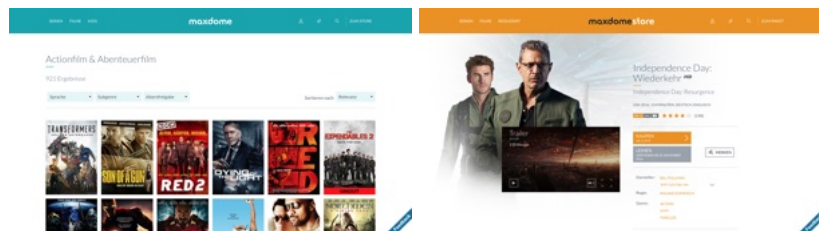
Technologies

node.js express microservices redis aws-eb mocha sinon chai winston swagger superagent

Occupation

- Creating a highly scalable restful Node.js based orchestration API that distributes the requests from all Maxdome clients (web, mobile, OTT) to the backend micro services
- Implementing a Redis based caching layer around generic content and resolving it with used specific content
- Migrating Maxdome's Infrastructure as microservices into the AWS cloud

maxdome



12/2015 → 02/2016

Freelance web developer at Maxdome GmbH

Sector

video, entertainment

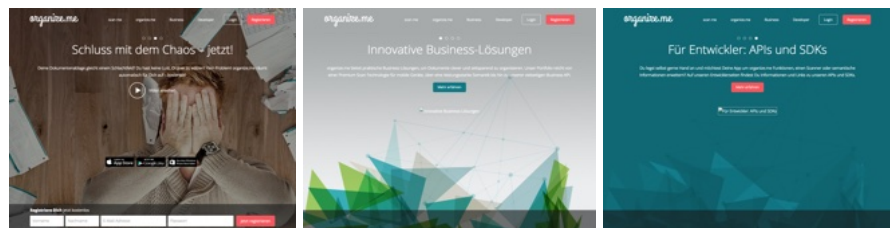
Technologies

react.js babel.js mocha chai webpack sass superagent

Occupation

- Creating proofs of concept & prototypes for a single-page React app of independent components with limited blast radius
- Creating a migration strategy that replaces the previous monolithic Symfony based web portal in multiple iterations with those React components

organize.me



10/2015 → 12/2015

Freelance DevOps at organize.me GmbH

Sector

startup, software

Technologies

node.js restify redis swagger kubernetes aws openstack fleet ocr

Occupation

- Developing features and new components for the various Restify based organize.me microservices
- Landing a few contributions in the swagger-ui project on GitHub



05/2015 → 09/2015

Freelance fullstack developer at coma ag

- Sector media, advertising
Technologies `node.js` `express` `gulp` `handlebars.js` `sass`
Occupation
- Consulting & technical planning
 - Project management
 - Rapid prototyping using Express

maxdome



01/2015 → 04/2015

Freelance web developer at Maxdome GmbH

- Sector video, entertainment
Technologies `php` `symfony2` `redis` `twig` `phpunit` `jquery` `webpack` `sass` `compass` `karma-runner`
Occupation
- Developing features and new components for the Symfony based Maxdome web portal
 - Migrating the frontend Javascript in CommonJS modules and adding a webpack build process
 - Migrating the frontend into a responsive web app

CHECK24



10/2014

Private Krankenversicherung Vergleich: Full service order by CHECK24 Vergleichsportal Versicherungen AG

- Sector insurance
Technologies `php` `symfony` `doctrine` `mysql` `javascript` `backbone.js` `jquery` `requirejs` `handlebars` `stylus`
Occupation
- Setting up a Backbone.js based prototype for the insurance calculation web app
 - Creating a Symfony based PHP REST API and the Backbone.js based private health insurance rate comparison web app
 - Connecting external financial service providers using REST and SOAP APIs



05/2014 → 12/2014

Freelance web developer at T&I Internet AG

Sector

media, advertising

Technologies

javascript html5 metalsmith jquery kss clojure jwplayer less gruntjs

Occupation

- Developing features and new components for the Clojure based web portals web.de, gmx.de, auto-service.de & top.de
- Creating a frontend build process with Grunt and integrating it in the Maven build
- Integrating new ad formats into the portals using United Internet Media's ad service



09/2013 → 04/2014

Freelance fullstack developer at Lusini GmbH

Sector

gastronomy, hotels

Technologies

node.js express rendr elasticsearch mocha chai sinon karma-runner selenium

Occupation

- Migrating the Apache Ofbiz based Lusini marketplace into a Rendr single page app
- Migrating the Solr database to Elasticsearch



03/2012 → 01/2014

Freelance fullstack developer at pierlane GmbH

Sector

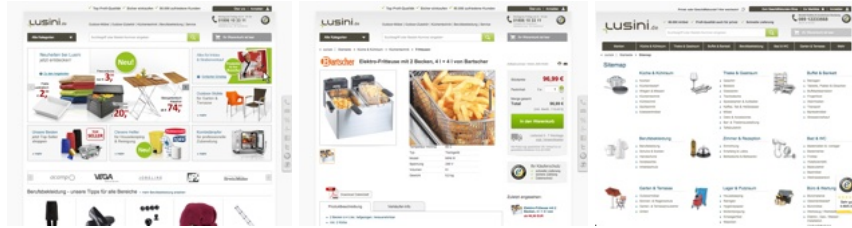
media, music

Technologies

javascript backbone.js requirejs jquery sass compass php symfony2 doctrine mysql

Occupation

- Complete user interface design
- Developing the Songpier Studio, a Backbone.js based single page, drag & drop administration tool for Songpier, the mobile artist promotion app
- Migrating the Songpier REST API from WCF to Symfony



09/2010 → 06/2012

Freelance web developer at Lusini GmbH

- Sector **gastronomy, hotels**
- Technologies **javascript backbone.js requirejs jquery sass compass apache-ofbiz**
- Occupation
- Developing a Backbone.js based shopping frontend for an online marketplace with faceted category navigation, product variant selection & single page checkout



06/2010 → 09/2010

Freelance web developer at CHECK24 Vergleichsportal Versicherungen AG

- Sector **insurance, automotive, travel**
- Technologies **javascript jquery html5 css3 php zend-framework mysql velocity**
- Occupation
- Developing various comparison calculators for both CHECK24 and partner sites
 - Extensive A/B Testing & SEO optimization



02/2010 → 06/2010

CTO at piranha digital GmbH

- Sector **media, music**
- Technologies **javascript html5 css3 jquery php symfony2 doctrine mysql red5**
- Occupation
- Creating an iTunes like, jQuery based single-page music streaming portal
 - Developing a Symfony based REST API



09/2009 → 02/2010

Freelance web developer at CHECK24 Vergleichsportal Versicherungen AG

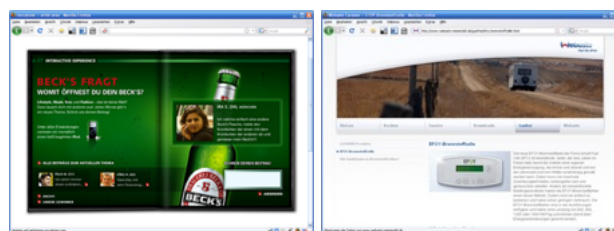
- Sector insurance, automotive, travel
- Technologies javascript jquery html5 css3 php zend-framework mysql velocity
- Occupation
- Developing various comparison calculators for both CHECK24 and partner sites
 - Creating an internal framework for publishing test winner results
 - Extensive A/B Testing & SEO optimization



08/2008 → 08/2009

Senior web developer at roccatune GmbH & Co. KG

- Sector media, music
- Technologies javascript html5 css3 jquery php symfony2 doctrine mysql red5 flash
- Occupation
- Developing a Symfony based music streaming portal for newcomers
 - Migrating the music streaming platform roccatune into a Symfony app



09/2002 → 07/2008

Junior web developer > Senior web developer > Team lead at coma ag

- Sector media, advertising
- Technologies php mysql typo3 linux apache postfix rsync javascript html css flash
- Occupation
- Conception, development and technical lead for (mainly TYPO3 based) websites und database-driven web applications for numerous B2B and B2C customers
 - TYPO3 trainings
 - Developing various advertising & promotion websites & raffles
 - Systems administration (file- and webservers)
 - Developing web- and CD-applications