

# JONATHAN NEIDEL

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Born: 7. Aug 1997 in Berlin

## EDUCATION

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**HTW Berlin**, Berlin  
B.Sc in Applied Computer Science

2019 - today  
in the 6. semester

**Emil Molt Akademie**, Berlin  
Fachabitur: Business

2016 - 2018  
NC: 1,3

## IT SKILLS

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Before studying in university I already got accustomed to Node.js as the programming language of my choice, building everything from APIs, complete Webapps, small scripts and full-featured command-line apps. Supported by the complete JavaScript toolkit: Webpack, Jest, ESLint, Vue.js and TypeScript.

In the progress of my studies I expanded my horizon in terms of languages by building applications in Python, Java, Scala and C++.

Working at Endava, I got in contact with- and built projects in PHP/Symfony.

### Sprachen:

- Web: JavaScript, TypeScript, HTML, CSS, SASS
- Backend/General: Node.js, PHP/Symfony, Python, Java, Scala

Since 2018 I've been using Linux as my primary operating system. Where I'm trying to do everything - within reason - in the terminal. Throughout I've customized my whole system to my needs, while acquiring proficiency in the writing shell scripts to solve a host of problems.

Git is being utilized for the management of everything and it's use has become second nature.

### Tools:

- Linux, Shell/Bash, Vim
- Git, Github, Gitlab
- Jira

### Databases:

- PostgreSQL, MariaDB
- MongoDB

### Other:

- Docker, docker-compose
- RabbitMQ

## PROFESSIONAL EXPERIENCE

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**Endava - Backend Developer**

Feb 2022 - today

See the projects in detail below.

## IT PROJECTS

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**Endava: Soon @ Endava**

Mar 2022 - today

Symfony, PHP, Docker, Sonata, RabbitMQ, Node.js

- Implemented a full-fledged webapp based on Symfony best-practices
- Content and user management using Sonata
- A microservice that sends mail based on inputs from message queue
- Writing user stories and tickets. Assigned work and reviewed pull requests

**Endava: changelog-viewer**

Feb - Mar 2022

React, Docker, Gitlab CI, Node.js

- Static site that display a interactive version of an underlying markdown changelog file
- Dockerized deployment and use in Gitlab CI pipeline

<b>Component based development - final project</b>	<i>Dec 2021 - Feb 2022</i>
TypeScript, Node.js, Express, RabbitMQ, MongoDB, Github	
<ul style="list-style-type: none"> <li>· Microservice architecture connected through message queue RPC calls</li> <li>· Extensive technical documentation</li> </ul>	
<b>what-to-do</b>	<i>Nov 2020 - Apr 2021</i>
Node.js, Vue.js, Express, MariaDB, Jest, supertest	
<ul style="list-style-type: none"> <li>· Implementation of a todo-apps functionality</li> <li>· Deployment and integration</li> </ul>	
<b>DJ Tool</b>	<i>Oct 2020 - Jan 2021</i>
JavaScript, Web Audio API, Node.js, Express	
<ul style="list-style-type: none"> <li>· Implementation of the tools underlying audio-logic</li> <li>· Writing user stories</li> <li>· Providing a auxiliary server to provide access to secured, external APIs</li> </ul>	
<b>Programming 3 - final project</b>	<i>Oct 2020 - Apr 2021</i>
Java, CLI, TCP, UDP, JavaFX	
<ul style="list-style-type: none"> <li>· CLI and GUI Interfaces</li> <li>· Inter-process communication (IPC) via TCP/UDP</li> </ul>	
<b>lock-me-out</b>	<i>Jan - Mar 2019</i>
TypeScript, Node.js, Express, GPG, Webpack, SASS, MongoDB, CLI, Eslint	
<ul style="list-style-type: none"> <li>· Full-fledged webapp with serverside-rendering (SSR)</li> <li>· GPG Wrapper for encrypting and generating keys</li> <li>· Alongside a CLI, as an alternative Interface for the shared API</li> </ul>	
<b>mangareader-dl</b>	<i>Jan 2018 - today</i>
Node.js, CLI, Web Scraping, TDD, Jest, TypeScript	
<ul style="list-style-type: none"> <li>· Configurable command-line interface</li> <li>· Scraper to dynamically download von series of pictures</li> <li>· Rebuild with cleaner OOP-structure in TypeScript</li> <li>· Test Driven Development (TDD) for safe refactoring and to prevent regressions</li> </ul>	
<b>dotfiles</b>	<i>2018 - Today</i>
Shell scripting, Linux, Shell, vim, tmux	
<ul style="list-style-type: none"> <li>· &gt;200 shell scripts for a diverse range of use cases</li> </ul>	
<b>setup-webpack</b>	<i>2018 - today</i>
Webpack, JavaScript, SASS, npm package	
<ul style="list-style-type: none"> <li>· An abstraction on top of webpack, to simplify reoccurring use cases</li> <li>· Extensive technical documentation</li> <li>· Support over the years, by upgrading the package along with major Webpack releases</li> </ul>	
<b>projects-overview</b>	<i>Aug 2017 - May 2018</i>
Node.js, Express, MongoDB, Webpack, SASS, Mocha	
<ul style="list-style-type: none"> <li>· Webapp with REST API and complete user management</li> </ul>	

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## VOLUNTEERING

## Organizer of the Berlin FreeCodeCamp Meetup

2018 - 2019

- Open meetup for people learning to programming with the FreeCodeCamp curriculum
- Go-to person for technical and general questions

## Maintainer of the awesome-cli-apps Github repo

2019 - today

- Most popular list of CLIs on Github, with 9.5k stars
- Checking PRs to add entries to the list

## AUR Package Maintainer

2020 - today

- Configuring packages for my linux distro

## LANGUAGES

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**Deutsch:** native

**Englisch:** fluent

## INTERESTS

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**Programming:** I'm using programming in my daily life to solve all hosts of problems to make my life easier. That's why I learned to program in the first place.

**Cooking:** I like eating and thus enjoy cooking something fresh and healthy for myself. It allows me to improvise with dishes and serves as a nice contrast to sitting in front of a screen.

**Sports:** This contrast is also given with exercise, which takes the form of biking, Yoga, or longer walks around the local forest.

**Repairs:** I rather enjoy fixing up my bike myself. I got a growing selection of tools and take every new problem that crops up as a new challenge and opportunity to understand the bike better.

**Reading:** Alongside technical literature and non-fiction, I enjoy one or another work of fiction.

**Stocks:** To setup a secure financial future I'm getting into stock trading.

**Meditation:** A part of the daily routine to live life more consciously.