Wilke Oncken
Curriculum Vitae
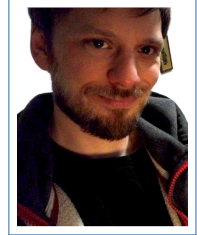
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▬▬▬ Education

2004–2007   **Higher School Certificate**, *BBS2 Aurich*
with a focus on IT education

2008   **intership**, *DubCity*, Bremen,
various tasks in the music studio

2009–2016   **B.Eng.**, *Jade Hochschule*, Oldenburg,
"Audiologie und Hörtechnik" including subjects like signal processing, electrical engineering, studio engineering (no graduation)

2017–2018   **apprenticeship**, *(2 years)*, ERPWerk GmbH, Software Developer training

▬▬▬ Vocational Experience

2011–2016   **Software Developer (Python)**, *itap - Institut für technische und angewandte Physik GmbH*, Oldenburg, part time job besides course of studies in university
Tasks and Projects
○ creating a desktop application with QT to validate and copy data from a portable source to a MongoDB database
○ setting up a basic Django Project

2017–2019   **Software Developer (Delphi, JS)**, *ERPWerk GmbH*, Oldenburg, two years apprenticeship and one year as employee
Tasks and Projects
○ various software updates to newest Delphi version and additions to costumers software
○ integration to a big, well structured and organized JS-React Project including simulated server network via dockers; hosted on GitLab; calendar for customers, to make appointments
○ integration to time tracking software to preview and create pay bills for employees; using own approach with a HTML-template to live preview changes. Realized with a integration of Lua into Delphi to use a free library to convert HTML to PDF.

2019–2022   **Software Developer (Delphi, TypeScript)**, *Amirada GmbH*, Berlin
Tasks and Projects
○ creating an REST API SAP interface for the back-end Server written in Delphi
○ product owner and developer of web application version of the companies PIM / data hub software
○ Spaix adapter as REST API interface written in typescript using express (NodeJS)
○ Elasticsearch interface as REST API written in typescript using express (NodeJS)
○ setting up a monorepro with npm and structure the NodeJS projects of the company including own npm repository on the company intern server to store own packages.

Programming Skills

JS/TS	■■■■■	front and back-end development with VueJs, React, express and others
Python	■■■■□	GUI and back-end development (Qt, Django); involved in build a new modern data processing infrastructure for the institution
Delphi	■■■■□	developing ERP systems; back-end development (SOAP, REST)
C/C++	■■■□□	DSP programming in university; private for game and VST development; tasks in school
HTML, CSS	■■■■□	designing single page web applications and more
PHP	■■■□□	setting up and working with PIMcore; tasks in school
Java	■■■□□	in school and university
Lua	■■■□□	private game development; additional script language for Delphi
some otheres		LaTeX, MatLab, C#, lisp,

Databases, Frameworks, Software and Tools

NodeJs	■■■■■	setting up complex project structures; creating own packages; setting up development environments; etc.
Git	■■■■■	GitHub; GitLab; Bitbucket
VueJs	■■■■■	web application with Nuxt
React	■■■■□	integration for existing web application
Docker	■■■■□	creating and setting up developing environments with interacting dockers; setting up services via docker on servers
Elasticsearch	■■■□□	using the REST-API to create and manage documents
Unity3d	■■■■□	private game development
databases		MongoDB, MSSQL, SQLlite, MySQL, PostgreSQL, Elasticsearch, MariaDB
others		Plesk, Wireshark, SAP, Spaix, and more

other Skills

Linux	basic knowledge
Math	implementing complex math formulas in code; process signals

Interests

music, martial arts, technology, culture, philosophy, etc.