

Philipp Wiedemann

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Date of Birth: 12.08.1997 / Heidelberg

Marital Status: Single

Nationality: German

Language Skills: German (Native Language), English (C1)

Webpage: <https://portfolio-wiedemann.vercel.app>



PROFESSIONAL EXPERIENCE

01.10.2024 – 11.02.2025

Backend Developer
RESERViSiON GmbH

- Backend software development with PHP and TypeScript (Node.js and Prisma)
- Management and maintenance of the MySQL database using SQL
- Implementation of interface integrations according to customer requirements (SOAP and REST)
- Implementation of unit tests using Jest and GitLab CI
- Version control using Git
- Container virtualization using Docker

08.03.2021 – 30.06.2024

Backend Developer
Workwise GmbH

- Backend software development with PHP (CakePHP/Laravel), TypeScript (Node.js) and Python (Flask)
- Management and maintenance of the MySQL database using SQL and the Elasticsearch (NoSQL) database
- Optimization of the search algorithm in the Elasticsearch database using Natural Language Processing (NLP) and integration of Machine Learning models
- Implementation of unit tests using Jest and GitLab CI
- Implementation of end-to-end (e2e) tests
- Container virtualization using Docker

EDUCATION

01.10.2017 – 01.03.2021

Bachelor's Degree in Applied Computer Science

Heidelberg University, 69120 Heidelberg

Minor Application Area: Psychology

Projects during Studies:

- Analysis of Twitter data with various weighting schemes using Python and SQL, consisting of:
 - ElasticSearch Crawler
 - Database Porter from NoSQL-DB to SQL-DB
 - Twitter API Re-Crawler
 - Twitter Parser (analysis environment with sample evaluations)
- Development of a chatbot to support programmers using Python, JavaScript (Visual Studio Code Plugin), Linux-Bash, and Windows-Batch, consisting of:
 - All-in-One Linux-/Windows-Installer
 - Analysis of user input
 - Google Custom Search
 - Analysis of results with various text-mining algorithms

SPECIAL SKILLS & QUALITIES

Programming

- **Advanced Knowledge:** Python, TypeScript/Javascript, PHP (Laravel/CakePHP)
- **Good Knowledge:** Unix/Linux (Bash), Windows Batch, HTML, CSS
- **Basic Knowledge:** Ruby, R, Ada, C++, C, Java, Qt (C++ / Python), C#

Soft Skills

Disciplined, quick learner, solution-oriented approach, responsible, helpful, eager to learn