

Nived Stephen

Computer Science Student at HTWK Leipzig

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Profile

Aspiring web developer and dedicated Computer Science student at HTWK Leipzig, specializing in software engineering, algorithms and data structures, and web development. Eager to apply my knowledge and skills in a dynamic internship or student role within the tech industry. Passionate about learning new technologies and frameworks and working in a collaborative environment. Fluent in English and German with experience in an international environment.

Education

- **BSc Computer Science** [HTWK Leipzig](#) **Leipzig, Germany** *Oct 2021 - present*
Relevant Courses: Programming (C/C++, Java, Typescript, Haskell), Algorithms and data structures, Operating systems and computer networks, Databases, Semantic Web, Mobile Computing
- **Studienkolleg with specialization course T** [Studienkolleg Sachsen](#) **Leipzig, Germany** *Sept 2020 - Sept 2021*
Relevant Courses: Mathematics, Physics, Chemistry, Informatics, German
- **Deutsch als Fremdsprache - A1.1 - B2.2** [VHS Goslar](#) **Clausthal-Zellerfeld, Germany** *Nov 2019 - Aug 2020*
German Language Course for preparing for DSH exam.

Professional Experience

- **Werkstudent** ([diva-e Digital Value Excellence GmbH](#)) **Leipzig, Germany** *Mar 2023 - present*
 - Supporting and managing user accounts for employees on project Aldi-Süd
 - Monthly reporting and managing PagerDuty shifts for the team
 - Task automation using Python with Salesforce Adaptability
- **Identification Specialist - Senior Agent** ([IDnow GmbH](#)) **Leipzig, Germany** *Aug 2021 - Jan 2023*
 - Identification of customers via inbound video telephony
 - Verification of international identification documents and their security features
 - Assisting in identifying and documenting fraud attempts
 - Communication with end customers of leading European credit institutions and payment providers
 - Recording and maintaining customer data in the system

Projects

- **Data Visualization Tool - flowmetrics** [Frontend and Backend](#) **Typescript, Vue.js, Express.js, SQLite**
 - Project as part of the Software Project course at HTWK Leipzig and in collaboration with adesso insurance solutions
 - Developer in a team of 8 students consisting of 6 bachelor students and 2 master students
 - Developed a data visualization tool for analyzing and visualizing the data from the Jira API
 - Project focused on learning agile software development methodologies and tools
 - Worked on designing and implementing the frontend components using Vue.js, PrimeVue, and Chart.js and the backend using Express.js and SQLite database
- **Bibtex to XML** [Github](#) **Python, XML**
 - Project as part of the Document Description Languages course at HTWK Leipzig
 - Extracted the metadata from the Bibtex file and converted it to XML format using Python
 - Created a DTD file for validation and an XSL file for transformation

- **Semantic Web - Analyze population data in German cities** [Github](#) **Typescript, GraphDB**
 - Project as part of the Semantic Web course at HTWK Leipzig
 - Created a GraphDB database with population data of German cities and implemented SPARQL queries to analyze the data
 - Data from different sources was integrated into the database using RDF Schema
- **CineGuide - Android development** [Gitlab](#) **Kotlin, Azure**
 - Project as part of the Mobile Computing course at HTWK Leipzig
 - Designed UI using Figma - [Mockup Design](#) and implemented the frontend components using Jetpack Compose and Kotlin
 - Developed an Android application for movie recommendations using Kotlin and an API using Azure services

Skills

- **Programming Languages:** Typescript, Python, SQL, HTML/CSS, Vue.js, Java, C/C++
- **Tools:** Git, Docker, Figma
- **Operating Systems:** Windows, Linux

Languages

- **German** [Advanced] - C1
- **Malayalam** [Native]
- **English** [Intermediate] - B2