Wan Zhu

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EDUCATION AND TRAINING

Master of Science in Informatik
Technical University of Munich [01/10/2022 – Current]

Bachelor of Engineering in Computer Science and Technology
Wuhan University of Technology [01/09/2015 – 01/06/2019]

WORK EXPERIENCE

Intern Full Stack Developer
UnternehmerTUM Digital Product School & SAP [09/09/2024 – 29/11/2024]

City: Munich | **Country:** Germany

-Participated in part of the product design and user requirement analysis.
-Responsible for frontend development with React and Typescript, utilized UI libraries like Material UI and Ant Design for interface implementation, used Redux for state management and encapsulated components for code reusability.
-Responsible for backend development with Python, FastAPI, and PostgreSQL.
-Utilized Postman to test back-end endpoint, used Jira to manage agile project tasks.

Intern Backend Developer
ParkDepot GmbH & TUM [01/11/2023 – 01/02/2024]

City: Munich | **Country:** Germany

-Participated in a scrum 16-member team and developed a smart parking lot management application with Django, Python, PostgreSQL, GitHub.
-Responsible for Backend development, implemented and tested the discount and permission features.
-Utilized Postman to test back-end endpoint, used Notion and Linear to manage agile project tasks

PROJECTS

[17/07/2024 – 23/11/2024]
Frontend Development Demos
-Implemented the user interface according to the provided design mockup with React and Typescript, extract user data from external API, developed different Filter for the table, implemented a 1-second debounce hook on the Filter input.
-Developed a full-stack application utilizing JavaScript, Vue.js,and Ant Design for the frontend, Python and Fast API for the backend, integrated LLM model API from Hugging Face.

[15/10/2022 – 20/01/2023]
Backend Development of ASE Delivery Application
-Participated in a 5-member team practice project, and developed an online package delivery website.
-Responsible for Backend development, implemented and tested functionalities of user management and microservice architecture with Spring Boot, Java, MongoDB, LRZ Gitlab, and Postman.