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# DAVID MAXIMILIAN FRANKE

Software Engineer



## // SUMMARY

I am a B.Sc in Environmental Engineering with a passion for problem-solving and continuous learning. After realizing my true passion lies in software engineering, I embarked on a new educational journey in this field. I thrive on challenges, love learning new tech, and enjoy collaborative projects. I am eager to contribute my technical expertise and team-oriented mindset to innovative software engineering projects.

## // WORK EXPERIENCE

- 2021 – Present    **Monsterzeug GmbH / Part-time**  
**IT Support Specialist / Administrator Assistant**
- </ Provide IT support to employees, addressing technical issues and troubleshooting
  - </ Manage user accounts, permissions and system configurations
  - </ Assisting with the transition from Active Directory to Azure AD
  - </ Implemented SharePoint workspaces for employees, enhancing collaboration and document management
- 2022 – Present    **A + P Zahnmedizin / Mini-Job**  
**IT Support- / Software Feature Implementation Assistant**
- </ Implemented new features to the dental practice's software and company's homepage
  - </ Assisted with troubleshooting and resolving technical issues and supporting general IT Tasks

## // EDUCATION

- 2021 – Present    **42 Wolfsburg**  
Software Engineering
- </ **Minishell** / Developed a custom bash shell clone
  - </ **Ft\_containers** / Recoded STL containers from scratch
  - </ **Inception** / Created and deployed a homepage using Docker containers and Docker network
  - </ **Webserv** / Developed a custom non-blocking web server with multiplexing using poll/select/epoll
  - </ **Philosophers** / Solved the philosophers' problem using threads
- 2019                **Technische Universität Berlin**  
Bachelor of Science in Environmental Engineering

## // SKILLS

- </ Proficient in C and C++, with experience in developing efficient and optimized code
- </ Git version control for collaborative software development
- </ Docker containerization for efficient software deployment
- </ Evaluating code for quality, efficiency, and adherence to coding standards
- </ Linux administration
- </ Problem-solving and analytical thinking
- </ Continuous learning and adaptability

## // LANGUAGES

- </ German - native
- </ English - advanced
- </ Spanish - basic



Github.com/bomsi39