Hendrik Appel

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EDUCATION

Technical University Dresden   **Sep 2019 - Nov 2023**
Bachelor of Science in Computer Science   *Dresden, Germany*

Bachelor's Thesis | *C#, Python, OOP*
- Development of an innovative AI application for virtual language exchange.
- Integration of speech recognition, a Large Language Model, and text-to-speech functionalities to enable dynamic dialogues in VR.
- Refinement of the system through performance analysis and user feedback sessions.

PROFESSIONAL EXPERIENCE

SAP SE | *TypeScript, BTP, Kubernetes, Cloud Development*   **Oct 2023 - Mar 2024**
Software Development Intern   *Hamburg, Germany*
- Developing a cloud-based web application for seamless integration and centralization of internal learning resources.
- Certification as a "Cloud Native Developer" through participation in an internal training program.

Technical University Dresden | *C#, TypeScript, 3D*   **Jul 2022 - Sep 2023**
Student Assistant for Immersive Media   *Dresden, Germany*
- Development of immersive experiences, including public exhibitions and proof-of-concept renderings.
- Design and implementation of a website for booking and validating tickets.
- Participation in various research projects in the field of Immersive Media.

Technical University Dresden | *Java, HTML5, CSS*   **Jun 2021 - Jun 2022**
Student Assistant for Web and Accessibility   *Dresden, Germany*
- Management and updating of existing websites and apps to meet accessibility criteria.

PROJECTS - More at hendrikappel.com

Ticket Booking Website | *React, TypeScript, Python, Tailwind CSS*   **January 2023**
- Led the design and development of the website for booking tickets for the exhibition 'Hybrid Spaces' at TU Dresden.
- Created an attractive and user-friendly booking tool within a tight timeframe.
- Implemented features like accessible navigation and multilingual user interface.

KP Immersive Exhibitions | *React, JavaScript, Tailwind CSS*   **September 2022**
- Developed a web application for creating virtual exhibitions in a team of 9 designers and developers.
- Led and organized the development team, contributing experience and expertise to the project's conception and planning.

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Java, C#, Python, HTML/CSS
Technologies/Frameworks: Node.js, React, Astro, Kubernetes, Docker
Tools: VS Code, Visual Studio, GitHub, Figma, git
Project Management: AGILE, SCRUM, GitHub Projects

ADDITIONAL SKILLS

Languages: German (Native), English (Fluent)
Soft Skills: Communication, Creativity, Problem-solving, Project Management, Teamwork