

Andre Landgraf

A tech enthusiast who loves to develop software solutions.





About me

Website: andre-landgraf.dev

Nationality: German

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 linkedin.com/in/andre-landgraf

Education

TUM, Technical University Munich

Information Systems, Master of Science (M.Sc.)

10/2017 – 02/2021

Munich, Germany

RMIT, Royal Melbourne Institute of Technology

Semester abroad, passed all courses with High Distinction (HD)

07/2016 – 12/2016

Melbourne, Australia

FAU, Friedrich-Alexander Universität Erlangen-Nürnberg

Information Systems, Bachelor of Science (B.Sc.)

10/2014 – 09/2017

Erlangen-Nuremberg,
Germany

Professional Experience

External Software Engineer at MBRDNA

- Design and implementation of HeyMercedes voice domains.
- Development of internal full stack software solutions such as SDKs, admin panels, and more to impact team productivity.

11/2020 – today

Remote

Software Engineering Intern at MBRDNA

- Development of actions/skills for Google Assistant and Amazon Alexa including a complete rewrite of the Action on Google Express backend.
- Rapid prototyping of domains for the HeyMercedes voice assistant that resulted in company-wide attention.

11/2019 – 11/2020

Sunnyvale, California

Software Engineer Working Student at Netlight

- Part of an international Scrum team.
- Development of an internal knowledge management and a mentoring app in React/Redux, TypeScript, and HTML5/SCSS.

01/2019 – 09/2019

Munich, Germany

Software Engineer Working Student at qSkills

- Implementation of multiple features for the internal web-based business software including a user interface and backend service to synchronize data with the company's active directory.

02/2017 – 09/2018

Nuremberg, Germany

Quality Assurance Working Student at DATEV

- Quality assurance, reverse engineering, and manual testing activities such as creating new test cases to support my Scrum team.

02/2016 – 06/2016

Nuremberg, Germany

Skills

Programming Languages: JavaScript, TypeScript, HTML5, CSS3/SASS, SQL, Go

Frameworks & Libraries: React, GatsbyJS, Next.js, Express, MongoDB/Mongoose

Development Tools: Git, GitHub, AWS, Azure, ESLint, Docker, UML, Bash, VS Code

Databases: MongoDB, Redis, MySQL

Development Methodologies: Scrum, Kanban, Design Thinking

Languages: German (native), English (C1)

Andre Landgraf

A tech enthusiast and student who loves to develop software.

Selected Personal Activities	Master's thesis about API management patterns For my master's thesis, I conducted expert interviews to derive challenges and solution patterns for API management. The thesis resulted in a pattern language that aims to guide API providers with solutions to common concerns and challenges.	09/2020 - 02/2021
	ReactSSML - a custom React renderer for SSML An npm package, a proof-of-concept application, and a Medium article that detail a prototypical React renderer for SSML. I created ReactSSML to take advantage of React and its component-based UI development for voice UIs.	08/2020
	demo.andre-landgraf.cool design-system.andre-landgraf.cool A demo application and a corresponding component storybook that showcase my lessons learned from developing velapilates.de. The project is open source and designed to be a Gatsby starter template. I also used this project to learn more about accessibility on the web. All components implement a11y best practices.	06/2020
	My first blog post at andrelandgraf.medium.com I faced some challenges with gatsby-image and didn't find a nice approach online, so I wrote a short Medium article that describes how I implemented a React context to query multiple images dynamically with gatsby-image.	04/2020
	andre-landgraf.cool Development of my personal resume website with Gatsby, React, and styled-components.	03/2020 - today
	velapilates.de Created and developed a pilates course web app for my college friend with Gatsby, React, Express, and MongoDB that is hosted on Netlify. So far, the page generated over 100 course purchases.	02/2020 - today
	react-datalist-input Development and maintenance of an npm package that provides a single react component which receives 500+ weekly downloads.	11/2018
	Bachelor's thesis about applying Gamification For my bachelor's thesis, I conducted two qualitative literature reviews and applied the implications to develop use cases to gamify business software in cooperation with qSkills.	06/2017 - 09/2017
References	GitHub: github.com/andrelandgraf Stack Overflow: https://stackoverflow.com/users/6331985/andre Medium: andrelandgraf.medium.com/ npm: npmjs.com/~andrelandgraf	