



## PERSONAL INFORMATION

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## PROFESSIONAL SUMMARY

I'm a Senior Frontend Engineer who's always been drawn to building thoughtful, user-first web experiences. At ada GmbH, I've stepped into the role of Frontend Lead—guiding the architecture of our flagship product while mentoring engineers and shaping how we build software as a collaborative, high-performing team. I thrive where creativity meets structure, blending emerging technologies with solid engineering principles to deliver reliable, scalable digital products. Whether solving complex UI challenges or coaching others through technical decisions, I lead with curiosity, clarity, and a deep respect for clean, maintainable code.

## EDUCATION

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|-------------------------|---|
| 15/10/2018 – 30/09/2020 | <b>Master degree in Media Computer Science</b><br>Saarland University - Saarbrücken (Germany) |
| 15/10/2015 – 30/09/2018 | <b>Bachelor degree in Information Technology</b><br>University of Tirana - Tirana (Albania)   |

## WORK EXPERIENCE

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| 01/09/2024 – Present<br>(Full-time)    | <b>Frontend Lead at ada GmbH – Düsseldorf (Germany)</b> <ul style="list-style-type: none"><li>Leading frontend delivery for key products with high code quality.</li><li>Mentoring frontend engineers through guidance and support.</li><li>Coordinating with cross-functional teams to align on product goals.</li></ul>                      |
| 01/12/2023 – 30/08/2024<br>(Full-time) | <b>Senior Frontend Engineer at ada GmbH – Düsseldorf (Germany)</b> <ul style="list-style-type: none"><li>Building performant, reusable UI components with modern Angular.</li><li>Improving architecture with RxJS, GraphQL, and state management.</li><li>Collaborating closely with design to deliver polished user experiences.</li></ul>   |
| 01/10/2020 – 30/11/2023<br>(Full-time) | <b>Frontend Engineer at VRdirect GmbH – Munich (Germany)</b> <ul style="list-style-type: none"><li>Engineered modern apps with responsive UI and clean architecture.</li><li>Improved frontend quality through unit and e2e test coverage.</li><li>Supported the evolution of reusable components and UI architecture.</li></ul>               |
| 01/11/2021 – 15/11/2022<br>(Part-time) | <b>QA Engineer at Curb Hero RE Management – Los Angeles (California, USA)</b> <ul style="list-style-type: none"><li>Planned, created and managed the overall quality planning strategy.</li><li>Developed comprehensive and detailed e2e/unit test suites.</li><li>Automated execution and generation of easy-to-understand reports.</li></ul> |

01/01/2020 – 30/09/2020 (Full-time)	<b>Master Thesis at Cluster of Excellence, HCI lab – Saarbrücken (Germany)</b> <ul style="list-style-type: none"> <li>Designed and implemented physics-based metaphors using users' existing knowledge for more intuitive and natural interactions in VR.</li> <li>Conducted a user study to validate the raised hypotheses.</li> </ul>
01/03/2020 – 30/09/2020 (Part-time)	<b>Software Developer at ZeMA - Saarbrücken (Germany)</b> <ul style="list-style-type: none"> <li>Developed a VR application to (dis)assemble complex 3D models where employees can practice before using them in the real world.</li> </ul>
09/09/2019 – 07/02/2020 (Internship)	<b>Software Developer at DHfPG – Saarbrücken (Germany)</b> <ul style="list-style-type: none"> <li>Built a VR tool for fitness trainers with interactive 3D gym scenarios.</li> <li>Conducted user studies to improve usability and training impact.</li> </ul>

## BEST PROJECTS

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09/2019 – 02/2020	<b>Ada Hub at ada GmbH</b> <i>Angular, RxJS, Tailwind CSS, GraphQL, Jest, Cypress</i> Built a personalized learning experience with progress tracking, achievement unlocks, and integrated gamification elements. Led frontend development with dynamic state management, responsive UI design, and robust test automation for a consistent UX.
09/2019 – 02/2020	<b>Ada Agents at ada GmbH</b> <i>NextJS, Redux, Tailwind CSS, GraphQL, Playwright</i> Built a platform to create and orchestrate AI agents for use cases like lead generation and churn risk reporting, with flexible agent configuration and crew-based execution.
10/2021 – 11/2023	<b>VRdirect Studio at VRdirect GmbH</b> <i>NX, Angular, Angular Material, RxJS, NestJS, CQRS, RestAPI, Cypress</i> Contributed to a desktop authoring platform enabling enterprises to create interactive virtual tours and training simulations. Built key UI modules, modeled reactive state with RxJS, and optimized performance with lazy loading and OnPush change detection.
05/2021 – 03/2022	<b>VRdirect Viewer at VRdirect GmbH</b> <i>Nativescript, Angular, SCSS, Rest API, Appium</i> Developed a mobile VR content viewer with adaptive UI, offline support, and optimized performance, ensuring smooth interaction and visual consistency across platforms.
09/2019 – 02/2020	<b>CoachXR at DHfPG</b> <i>Unity3D, C#, Oculus SDK, XR Interaction Toolkit</i> Built a VR fitness coaching tool with lifelike gym scenes, allowing instructors to explore, identify clients needing assistance, and interact with in-VR training assessments.
09/2019 – 02/2020	<b>Smart Mirror at HBK Saar &amp; DFKI</b> <i>Unity3D, C#, OpenCV, Blender, 3D Printing</i> Developed a Smart Mirror with HBK Saar and DFKI, using facial recognition and real-time augmentation to simulate hairstyles, colors, beards, and glasses.
05/2019 – 08/2019	<b>VirtuArm at Scheer GmbH</b> <i>Unity3D, C#, SteamVR, ROS, ROSBridge</i> Collaborated on a university project with Scheer GmbH, enabling real-time remote control of a robotic arm through commands issued in a VR environment.

## TECHNICAL SKILLS

### • Programming Languages & Frameworks

- **Languages:** Javascript, Typescript, YAML
- **Frontend:** Angular, NextJs, React, RxJs, Redux, Svelte, NativeScript, Ionic
- **Backend:** Node.js, NestJS
- **Styling:** Angular Material, Tailwind CSS, PrimeNg, Bootstrap

### • UI/UX, Tooling & Documentation

- **Design:** Figma, Zeplin, Canva, Storybook
- **Dev Tools:** VSCode, Cursor, Jira, Asana, Confluence, SourceTree, Git, Trello
- **Documentation:** Draw.io, UML, Markdown, Latex, Prezi

### • Testing & Quality Assurance

- **Frameworks:** Cypress, Appium, Cucumber, Jest, Karma, Mocha, JUnit
- **Tools:** Browserstack

### • Infrastructure & Integration

- **API & Data:** REST, GraphQL, MongoDB, PostgreSQL
- **Integration Tools:** Postman, Insomnia, Swagger
- **Authentication:** OAuth 2.0, JWT, OpenID Connect, Auth0, Azure Active Directory
- **DevOps:** CI/CD, Azure DevOps, GitHub, Bitbucket, Docker

### • Software Engineering

- **Patterns:** Functional, Reactive, Imperative, OOP
- **Principles:** Clean Code, SOLID, YAGNI, KISS, DRY, SLAP
- **Methodologies:** SDLC, Agile, Scrum, Waterfall

## LINGUISTIC PROFICIENCY

	Listening	Reading	Speaking	Writing
Albanian	Native	Native	Native	Native
English	C1	C1	C1	C1
German	B1	B1	B1	B1
Italian	B1	B1	A2	A2
Spanish	B1	A2	A2	A2

## SOFT SKILLS

Communication

Quick learning

Hard working

Problem solving

Critical thinking

Work ethic