

# Alexander Laskevic Software Engineer

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[LinkedIn](#) | [GitHub](#) | [Website](#)

## TECHNICAL SKILLS

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- **Programming:** JavaScript, HTML, CSS, Python, PHP, Java, C, C++, MATLAB, SQL
- **Frameworks and Tools:** React, Bootstrap, Tailwind, Sass, Git, Github, Gitlab, Pandas, NumPy, Figma, Laravel, Node.js, Express.js, d3.js, WebSocket, Angular, Linux
- **Other:** MS Office, VS Code, Jupyter Notebook, Jira, Agile, Scrum

## EDUCATION

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### FH Aachen, B.Sc. Computer Science

Expected June 2023

Relevant coursework:

- Data Structures and Algorithms, Artificial Intelligence, Big Data, Java OOP, Databases and Web Technologies, Computer Engineering, Software Engineering, Cryptology, Web Application Security

## EXPERIENCE

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### Software Engineer (Internship)

Oct 2022 – Present

KISTERS AG

Aachen, Germany

- Worked in an **agile** environment with up to 12 developers in a team and organized with the tool Jira.
- Implemented a **Web Service** to simplify comparison between analog and digitized measurements for more than 10.000 sheets.
- Realized a **Two-Factor-Authentication** demo project as proof of concept to improve internal security.
- Designed and implemented a bridge visualizer for over 120 bridges in Texas in the form of a chart to display current water levels in **real time**.
- Developed, maintained, and supported **ETL** processes for loading data from multiple data sources.  
[Java, HTML, CSS, JavaScript, Web Components, Python, NumPy, Pandas]

### Freelance Work in Web Development

Jan 2022 - Present

- Leading a team of 4 Student Developers to deliver web-based solutions to local clients.
- Creating company websites including GUI design, coding, deployment, consulting, maintenance

## PROGRAMMING EXPERTISE

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### Live Piano (Full Stack, Bidirectional Client/Server communication) - [Website](#) - [GitHub](#)

- Implemented a fully functional Piano keyboard with MIDI support and provided a multiplayer feature within a Lobby system for up to 7 musicians simultaneously.
- Reduced Server Requests by 15% through selective blocking of requests for single-user Lobbies.
- Conceptualize and design the prototype with Figma to achieve a good user experience.  
[React, JavaScript, HTML, CSS, WebSocket, Express, Figma]

### Speed-Typer (Front-End, Web application) - [Website](#) - [GitHub](#)

- Implemented a Web application to increase the typing speed in a playful way.
- Provided a way to persist all needed session information by client side to save the player's progress  
[HTML, CSS, Angular]

## ACHIEVEMENTS & LEADERSHIP

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2nd Place Hackathon 2022 Aachen "Gamified Urban Gardening - Tomatogotchi" - [Website](#) - [GitHub](#)