

Tamas Kereszturi

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Summary & Skills

I'm a passionate engineer looking for new challenges as a software developer. I'm interested in every part of the software from the backend all the way to the user. For my software projects please look at my website ([Click here!](#)).

Frontend

- React
- Javascript
- HTML5
- CSS
- Bootstrap

Backend

- Python
- Django
- Flask
- SQL
- C
- VBA

Others

- Git, Github
- JSON
- ClickUp, Jira, Notion
- Scrum/Agile
- HTTP, websocket and other network protocols
- Microsoft 365
- AutoCAD

Projects

- **ESGHub - Django, Python, Javascript, Database, API, Data visualization**
 - ESG data search and visualization web application that is integrated with multiple APIs. The site shows stock market data as well. You can compare more data providers' ratings and get detailed insights on a bar chart.
- **Noteup - React, HTML, CSS, Chrome Extension**
 - Note-taking app for Google Chrome to keep track of your thoughts.
 - Download and instructions here: <https://github.com/tomy27/NoteUP-dist>
- **Custom price calculator - VBA, Excel Add-in**
 - Custom VBA functions for an Excel-based price calculator. This template is currently used by a commercial company for every project.
- **Rental apartment website - HTML, CSS, Javascript**
 - Website about two rental apartments with image gallery and other info.
- **Speaker recognition - Matlab, Fuzzy logic, Kalman filter**
 - Custom software that can identify the gender of the speaker from the human voice.

Professional Experience & Achievements



Chief Engineer

2017 - present

- Demonstrated expertise in translating the client's specific needs into easy-to-understand technical solutions.
- Major upgrade of the company's **software application** for price calculation using VBA programming. With the new update, the company could precisely estimate the cost of projects and other KPIs. This significantly increased efficiency.
- Supervised and **lead a team** to design and provide high-quality systems to clients. I also **managed projects** in both in-house and customer-facing situations.

- Created and managed an **innovation hub** inside the company called AVS Lab which provides environment to demonstrate and test new technologies and solutions. Most of these were used afterward during projects.
- Proficiently troubleshoot even **complex technological issues** for different assigned projects, achieving that the company was recognized by PSNI Global, which is the biggest alliance of AV integrator companies in the world. Now the company is the only member of PSNI from my country.



Audio-Video System Engineer | Senior System Engineer

2013 - 2017

- Internship during final year at university, after graduation they hired me full-time as audio-video system engineer.
- Design high-quality audio-video systems and support the implementation phase from the engineering side
- Successful participation in the largest projects in the history of the company.
- Programming of room automation systems - **UI/UX** design and functionality as well as **backend logic** according to the functionality and needs of the client.
- I was able to achieve the senior title within 2 years.

Education



Electrical Engineer BSc | Óbuda University

Class of 2014



Audio Engineering | Stuttgart Media University

2012 Spring Semester - Exchange Student

Spoken Languages

- English (Proficient)
- German (Conversational)
- Hungarian (Native)

Certifications



Computer Science for Web Programming | Harvard University

- Professional Certificate
- [Click here for credentials](#)



CTI P-201 Crestron Programmer Certification



Extron Certified Control Professional

Hobbies and Interests

- Music, travel, personal finances, learn new things