

# EIMANTAS SURVILA

## Frontend Developer

Video resume website: [eimantas-survila.com](https://eimantas-survila.com)

A self-taught frontend developer with background in aerospace engineering and laser technology. Motivated to create impact through my work. Currently working as a research and development engineer with laser systems and looking for impactful work in software development.

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LinkedIn: [linkedin.com/in/eimantas-survila](https://linkedin.com/in/eimantas-survila)  
GitHub: [github.com/Survila-Dev](https://github.com/Survila-Dev)

### Relevant Work and Developer Experience

#### Frontend and Other Software Development Experience

- Interactive visual calculator full-stack web application MERN, TypeScript, Redux, Auth0, Tailwind CSS, GraphQL, cypress ([Website](#) & [Code](#))
- A toy programming language with online interpreter React.JS, TypeScript, Jest ([Website](#) & [Code](#))
- Full-stack online notebook single-page application React, TypeScript, Firebase ([Website](#) & [Code](#))
- Resume website React, Tailwind CSS ([Website](#) & [Code](#))
- Development of genetic algorithm and symbolic regression library for automatic data-based derivation of equations in Python ([Code](#), [Code](#))

#### Research & Development Engineer - Laser Technology

4JET microtech GmbH, Alsdorf, Germany  
February 2023 - today

#### Project Manager

Fraunhofer IPT, Aachen, Germany  
May 2021 – January 2023

#### Master Thesis – Development of Python Library for Data Processing and Visualization

Fraunhofer IPT, RWTH Aachen  
September 2020 – May 2021

- Development of digital twin library and application of AI technology in Python using Keras, OOP and TDD
- Development of OpenGL visualization tool in Python

Erkelenz, Germany

### Skills

HTML  
CSS  
SASS  
Tailwind CSS  
JavaScript  
TypeScript  
React  
Redux  
Node.js  
express  
GraphQL  
mongoDB  
Firebase  
Jest  
cypress  
Auth0  
Python

### Education

#### RWTH Aachen, Germany

Master of Science  
Aerospace Engineering  
2021

#### RWTH Aachen, Germany

Bachelor of Science  
Mechanical Engineering  
2019

### Language Skills

English, German, Lithuanian