



## Christian Pfaff

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Portfolio: <https://github.com/ChristianPfaff>

# Christian Pfaff

Dipl.-Ing.(FH)

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## About Me

I am an experienced mechanical engineer with IT & programming knowledge, looking for an opportunity where I can build on my engineering experience as well as my substantial IT knowledge. After a long period of designing machines, I have decided to learn programming and gain experience in doing web development projects. Currently, I am still further increasing my skills learning at a front end development academy (Developer-Akademie) and building further projects.

Main Stack:

- CAD
- FEM Simulation
- JavaScript
- HTML, CSS, Bootstrap
- Git / Github
- CAD
- FEM Simulation

Side Stack:

- C, VB, VBA (Excel)

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## Skills

- **Building Applications with JavaScript using APIs** (Web-Applications, Responsive Websites)
- **Working in a Software-Team:** During learning coding, I did several group projects where I learnt how to develop a software project in a team.
- **Designs of Machines:** 18 Years experience in designing, dimensioning and computationg of machines and theirs parts.
- **Mental Skills:** Good in analytical and spatial thinking as well as math and solving technical issues. I like solving tricky problems and theirs implementation in computer programs.

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## **Professional Experience**

**Developer Akademie / Front-End Developer Ausbildung JavaScript & Angular Development Training**

SINCE MARCH 2021

Project based coding academy. Main Stack: JavaScript, Angular

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Extensive Coding School, Learning Front-End Development, Coding, Agile Project Management and building several projects in teams and alone.

**Unemployed due to close-down (and corona) /professional orientation phase**

OCTOBER 2019 - MARCH 2021

**FERCHAU Engineering GmbH / CAE engineer**

NOVEMBER 2018 - SEPTEMBER 2019, ALLMANSWEIER

- Responsibility for avoiding oversizing of mechanical parts and consequently reduction of weight and costs:  
Cost savings about up to 50% and material savings about up to 30% by using FEM-Technology.

**Close-down / reorientation phase**

JUNE 2018 - OCTOBER 2018

**ANDRITZ SUNDWIG GmbH / Design-CAE engineer**

**Transfer of an establishment**

JANUARY 2001 - MAY 2018, LAHR

Responsibility for:

- The development and design of cut-to-length plants.  
Value: 8 - 15 Million €
- Reduction of theirs costs and weight

**Kohler Maschinenbau GmbH / Design-CAE engineer**

**Transfer of an establishment**

OCTOBER 2000 - JANUARY 2001, FRIESENHEIM

- Simple Designs and calculations
- Create floor plans for cut-to-length plants

**Prototyp-Werke GmbH/ Cutting machine operator**

AUGUST 1989 - FEBRUARY 1994, ZELL A.H.

- CNC- Cutting machine operator

**Holzer & Co / Cutting machine operator**

JULY 1989, UNTERHARMERSBACH

- Cutting machine operator

**S & G Car work shop / Apprenticeship and Car mechanic**

SEPTEMBER 1984 - SEPTEMBER 1988, WOLFACH

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## **Education**

**University of applied science** / Dipl.-Ing. (FH) Engineering  
SEPTEMBER 1996 - SEPTEMBER 2000, OFFENBURG

**Technical college for further education** / tech. college certificate  
OCTOBER 1994 - AUGUST 1996, OFFENBURG

**DAG Technikum Würzburg**  
OCTOBER 1990 - FEBRUARY 1994

- Further education to certified machine building engineer

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## **Languages**

German: nativ speaker

English: good

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## **References**

Junus Ergin (Software Development Coach); [junus@developerakademie.com](mailto:junus@developerakademie.com);  
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