



Christian Pfaff

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Portfolio: www.christian-pfaff.net

Christian Pfaff

Front-End Developer

(Dipl.-Ing. (FH) Engineering)

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. I love to combine my experience in the machine building sector with my acquired development skills and practical teamwork.

Main Tech Stack:

- CAD
- FEM Simulation
- HTML, CSS, JavaScript,
- Bootstrap, Angular, Material Design

Side Stack:

- Git / Github, Scrum
- C, VBA (Excel)

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 computationing of machines and their parts.
- **Mental Skills:** Good in analytical and spatial thinking as well as math and solving technical issues. I like solving tricky problems and their implementation in computer programs.

Professional Experience

Developer Akademie / Front-End Developer 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) /Orientation Phase OCTOBER 2019 - MARCH 2021

CAE Engineer / Several Employers (FERCHAU Engineering GmbH, ANDRITZ SUNDWIG GmbH)

JANUARY 2001 - SEPTEMBER 2019

- 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.
- Development and design of cut-to-length plants of value of 8 - 15 million €

Kohler Maschinenbau GmbH / Design Engineer

Transfer of an establishment

OCTOBER 2000 - JANUARY 2001, FRIESENHEIM

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

Technician / Several Employers (Prototyp-Werke GmbH, Holzer & Co, S&G Car workshop)

SEPTEMBER 1984 - FEBRUARY 1994, ZELL A.H.

- Cutting machine operator
- Apprenticeship and Car mechanic

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

Languages

German: nativ speaker

English: good